

19980504.qrp v01_n081.qrs.980504

Date: Mon, 4 May 1998 19:11:54 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1081

QRP-L Digest 1081

Topics covered in this issue include:

- 1) [10006] Hello Alabama K0FRP
by alan dawkins <alk0frp@earthlink.net>
- 2) [10007] RE: QRPTTF '99 theme?
by Hank Kohl K8DD <k8dd@contesting.com>
- 3) [10008] MFJ 6M SSB? Ho Hum.
by MNHopkins <MNHopkins@aol.com>
- 4) [10009] let the Dayton Wx glutt begin!!!
by THE ONE AND ONLY <mitch96@pobox.com>
- 5) [10010] Re: Contesting/beams/dipoles
by k7sz@juno.com (Rick Arland)
- 6) [10011] Re: VHF IFs, TR7 IFs and stuff like that
by nilsbull@juno.com (Nils R Young)
- 7) [10012] Re: Adventure Radio Society Birthday!
by k7sz@juno.com (Rick Arland)
- 8) [10013] wx mistake, so what else is new
by THE ONE AND ONLY <mitch96@pobox.com>
- 9) [10014] FDIM - Any Novices?
by kt3a@juno.com (Cameron C.R. Bailey)
- 10) [10015] Re: MFJ 6M SSB? Ho Hum.
by RangerSF5 <RangerSF5@aol.com>
- 11) [10016] Early Paragon.....
by k8cv@juno.com
- 12) [10017] new 20 mtr ant
by jdenison@morelr.com (JOEL DENISON)
- 13) [10018] Re: MFJ 6M SSB? Ho Hum.
by olyellr@iglou.com
- 14) [10019] Re: Contesting/beams/dipoles
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 15) [10020] KEYS for SALE
by Ken Graham <k5id@ipa.net>
- 16) [10021] Re: QRPTTF '99 theme?
by "Rud Merriam" <rmerriam@csi.com>
- 17) [10022] QRPp St Louis Loop p 26
by Terres Family <terresfm@ncia.net>
- 18) [10023] Re: MFJ 6M SSB? Ho Hum.
by "Rud Merriam" <rmerriam@csi.com>
- 19) [10024] HELP! K8FF bearing (WHERE?)

- by scaryl@juno.com (larry a netz)
- 20) [10025] Four Days In May (tm) Registration on Web Site
by Jim Stafford W4Q0 <w4qo@america.net>
 - 21) [10026] Time to give up on 38 Special heatsinks?
by David Feldman <dgf@netcom.com>
 - 22) [10027] Regarding QRP journals and US mail
by mike czuhajewski <wa8mcq@abs.net>
 - 23) [10028] really boring QRP question (packet)
by Mighty Mik <mitymik@hooked.net>
 - 24) [10029] Re: Regarding QRP journals and US mail
by RangerSF5 <RangerSF5@aol.com>
 - 25) [10030] Re: HELP! K8FF bearing (WHERE?)
by Bob Patten <n4bp@bc.seflin.org>
 - 26) [10031] Small Wonder at Dayton
by Conrad <radman@best.com>
 - 27) [10032] Re: HELP! K8FF bearing (WHERE?)
by scaryl@juno.com (larry a netz)
 - 28) [10033] Aurora show
by Mike Martin <mmartin@netins.net>
 - 29) [10034] Antennas: What is simple?
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
 - 30) [10035] Re: Tamed 1340
by k8cv@juno.com
 - 31) [10036] Fwd, Help with QRP+
by "ukii" <ukii@megsinet.net>
 - 32) [10037] Re: Starting Time for FIDM Symposium
by kt3a@juno.com (Cameron C.R. Bailey)
 - 33) [10038] QRPp
by fmathews@norfolk.infi.net (Frank Matthews)
 - 34) [10039] Re: Contesting/beams/dipoles
by "Warren E. Lewis" <saswel@unx.sas.com>
 - 35) [10040] If Ten-Tec 13XX sucks, 1056 soars
by MNHopkins <MNHopkins@aol.com>
 - 36) [10041] STRAIGHT KEY GIVEAWAY
by QLF@mimi@magic.itg.ti.com
 - 37) [10042] 6 meters
by Chuck Carpenter <w5usj@webwide.net>
 - 38) [10043] Re: MFJ 6M SSB? Ho Hum.
by "Mike Martin" <mmartin@internetni.com>
 - 39) [10044] RE: MFJ-1796 verticle antenna
by "CHARLES LESKIE" <CLESKIE@um-f1.umd.umich.edu>
 - 40) [10045] Re: If Ten-Tec 13XX sucks, 1056 soars
by Mike Manship <mjmanship@iquest.net>
 - 41) [10046] Re: new 20 mtr ant
by Chris Cartwright <ccart@dns.vidtel.com>
 - 42) [10047] Ten-Tec 1253 Experience??
by "James R. Duffey" <ji3m@maxwell.com>
 - 43) [10048] Mobile from a Dodge Neon

by John McKee <JMcKee@RFMD.com>
44) [10049] Re: Ten-Tec 1253 Experience??
by "Roger A. McCarty" <rmccarty@earthlink.net>
45) [10050] "Small Wonder" (short line version) re-send
by Conrad <radman@best.com>
46) [10051] Re: playing field
by Zack Lau <zlau@arrl.org>
47) [10052] Re: HELP! K8FF bearing (WHERE?)
by Steven Weber <kd1jv@moose.ncia.net>
48) [10053] Not a Chicken
by "James R. Duffey" <ji3m@maxwell.com>
49) [10054] Re: Mobile from a Dodge Neon
by Richard Brittingham <rbritt@visi.net>
50) [10055] Another Great Kit
by dave_epps@juno.com
51) [10056] Re: elmer 101: diodes questions...
by Pierre Constantineau <pierre@cmpe.ubc.ca>
52) [10057] RE: elmer 101: diodes questions...
by "Larsen, Jim" <JLarsen@alascom.att.com>
53) [10058] Dayton Weather (Not QRP)
by Shepherd <Shepherd@aol.com>
54) [10059] Dayton: Need antenna crew
by Jim Stafford W4Q0 <w4qo@america.net>
55) [10060] Dayton: QRP/ARCI Vendor night - status
by Jim Stafford W4Q0 <w4qo@america.net>
56) [10061] Elmer 101: SW40+ frequency questions
by Pierre Constantineau <pierre@cmpe.ubc.ca>
57) [10062] Re: elmer 101: diodes questions...
by Richard Brittingham <rbritt@visi.net>
58) [10063] nuts&volts special
by dave_epps@JUNO.COM
59) [10064] Band conditions
by joel malman <malman@world.std.com>
60) [10065] Re: elmer 101: diodes questions...
by KC5TJA <kc5tja@topaz.axisinternet.com>
61) [10066] Central CA QRPicnic is on!
by Vic Rosenthal <rakefet@rakefet.com>
62) [10067] Shipping to Cuba
by Ronald Hands <rhands@hwc.org>
63) [10068] Diode matching
by "Fishman, Clark" <cfishman@pica.army.mil>
64) [10069] Band Conditions
by adams@chuck.dallas.sgi.com (Chuck Adams)
65) [10070] Re: Band conditions
by Richard Brittingham <rbritt@visi.net>
66) [10071] Re: elmer 101: diodes questions...
by Richard Brittingham <rbritt@visi.net>
67) [10072] Re: elmer 101: diodes questions...

by KC5TJA <kc5tja@topaz.axisinternet.com>
68) [10073] Stinko band
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
69) [10074] Elmer 101:Tools on Web page(was Diodes questions)
by Pierre Constantineau <pierre@cmpe.ubc.ca>
70) [10075] RR mobile
by tom whalen <whalen@swcp.com>
71) [10076] Re: Stinko band
by Dave Sjolín <sjolin@swbell.net>
72) [10077] THE BIG "A" --- CONTEST TIME!!!
by utahfolk@konnections.com
73) [10078] Six Meter "DX"
by "Bryan Turner" <turnerw@email.uah.edu>
74) [10079] GEOMAGNETIC STORM ALERT
by Paul Harden <pharden@aoc.nrao.edu>
75) [10080] Re: Is it Legal to ship QRP Kits to Cuba?
by "Curtis D. Levin" <kd4zkw@amsat.org>
76) [10081] Re: Elmer 101:Tools on Web page(was Diodes questions)
by Richard Brittingham <rbritt@visi.net>
77) [10082] RE: Band conditions
by gregoire@endor.com
78) [10083] 2SC799 vs MRF237
by n4js@pobox.com
79) [10084] Re: If Ten-Tec 13XX sucks, 1056 soars
by haf47@juno.com
80) [10085] Re: Shipping to Cuba
by "Fred Ringwald" <fred@innocent.com>
81) [10086] (no subject)
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
82) [10087] VHS Cassette
by "Walter Dufrain" <walter@inlink.com>
83) [10088] Re: Is it Legal to ship QRP Kits to Cuba?
by Paul Harden <pharden@aoc.nrao.edu>
84) [10089] FS: FT890
by Jeff Grudin <grudin@pacific.vdbs.com>
85) [10090] Ohio 70cm Repeaters
by "Bernard F. Gaffney, Jr." <n8pvz@qsl.net>
86) [10091] Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!
by Stefan Bauer <bauer@student.uni-kassel.de>
87) [10092] NorCal's May Meeting Report
by Jerry Parker <jparker@fix.net>
88) [10093] FS: Yaesu FT-900at
by "Paul R. Valko" <prvalko@oakland.edu>
89) [10094] Re: Shipping to Cuba
by DENNIS MO <DENNISMO@aol.com>
90) [10095] Re: VHS Cassette
by KC5TJA <kc5tja@topaz.axisinternet.com>
91) [10096] Familiar with tubes?

- by "Ron Polityka" <wb3aal@talon.net>
- 92) [10097] Pixie/49er Contest KITS and THANKS!
by Ed Loranger <we6w@qsl.net>
- 93) [10098] HamCom June 6th QRP Forum
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 94) [10099] Dayton: Check the web site
by Jim Stafford W4Q0 <w4qo@america.net>
- 95) [10100] Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!
by Bruce Muscolino <w6toy@erols.com>
- 96) [10101] Re: Contesting/beams/dipoles
by Ed <edn4pk@VoyagerOnline.net>
- 97) [10102] Re: NorCal's May Meeting Report
by "Steve Hurst" <shurst@magiclink.com>
- 98) [10103] Re: Shipping to Cuba
by Roger Hightower <n7kt@earthlink.net>
- 99) [10104] Solar Activity Web Page
by Fred Lesnick <flesnick@Quetico.tbaytel.net>

Date: Sat, 02 May 1998 16:27:51 -0600
From: alan dawkins <alk0frp@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [10006] Hello Alabama K0FRP
Message-ID: <354B9DE6.DDD1FC80@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Will be in Birmingham AL next week any QRPer's there ????

working at Bell South Labs. In Monday nite out Friday afternoon
No hotel yet !!!!! Probably neer airport

Al K0FRP

Date: Sun, 03 May 1998 19:34:31 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: n4js@pobox.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10007] RE: QRPTTF '99 theme?
Message-ID: <3.0.1.32.19980503193431.00b23748@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:28 PM 5/3/98 -0400, n4js@pobox.com wrote:

>Aha, but what constitutes a "body of water" Does a pond qualify? How about a

>lake. Or, must you be outside the 3 mile limit?

To be Maritime Mobile, as in Maritime Mobile Region 1, 2 or 3, you have to be outside the 3 mile limit - or on open seas. On the Great Lakes, little lakes and ponds you are mobile.

>How about defining "near"

>(since that caused some consternation this year) Must your feet be wet?

How about "in site of the water as depicted in the Rand McNally map."

>Finally, how can we be sure these people are REALLY on the water?

Obviously you

>can trust no one.

Pass on this one!

73 Hank K8DD

Date: Sun, 3 May 1998 20:42:13 EDT
From: MNHopkins <MNHopkins@aol.com>
To: QRP-L@Lehigh.EDU
Subject: [10008] MFJ 6M SSB? Ho Hum.
Message-ID: <faafb32.354d0ee7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I borrowed but was not impressed with the MFJ 6M Tcvt. It covered 300 kc, which is OK and I am told it sounded OK. The RX is too wide for CW so it did not matter that it did not have the add on, pricey CW conversion.

My thought was easy to sum: A Ten-Tec \$99 transverter driven by just about any 20M rig would be better and more versatile. Also, the reviewers rave about the Ten-Tec.

I am positive about the new 6M club, however. Look at <http://www.6mt.com>

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins

Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Sun, 03 May 1998 20:42:28 -0400
From: THE ONE AND ONLY <mitch96@pobox.com>
To: Qrp-1@Lehigh.EDU
Subject: [10009] let the Dayton Wx glutt begin!!!
Message-ID: <354D0EF4.4FE9@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,
noodling around the net and found this url for ohio/dayton wx.
<http://vortex.plymouth.edu/cgi-bin/wxtext>
--

Mitch, Ww4mL
Eschew Obfuscation!

Date: Sun, 03 May 1998 20:53:28 EDT
From: k7sz@juno.com (Rick Arland)
To: alk0frp@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [10010] Re: Contesting/beams/dipoles
Message-ID: <19980504.020052.10807.3.k7sz@juno.com>

Can't we EVER give this topic a rest?

Facts of ham radio life:

1. The playing field will NEVER be level. There will ALWAYS be someone with a bigger antenna, higher antenna, better location, more rare area, etc.
Deal with it!

2. If you use a beam antenna you are optimizing your station. The name of the game is efficiency. If you have the money, the desire and the location that enables you to put up a directional antenna you are lucky. For almost three decades I had to use wire antennas. I did quite well with QRP and wires. When my turn came to be able to put a beam in the air, I jumped at the chance and I am not sorry nor will I make any apologies. My TH7 at 52 feet is not "world class" by any means, but I sure have fun with it, and that is why I put it up

.
3. In the end it all comes down to technique and skill. With out a doubt, if I went head-to-head with AA2U, N4BP and K0FRP and we all had identical stations with identical antennas, I'd get my doors blown off. These guys are good....REAL good! While I enjoy contesting and am reasonably good at it, these guys are world class. What am I supposed to do, cry and bemoan my situation and want them to use an additional 30dB of attenuation so we can compete on a "level playing field"? Get real.

If you are a minimalist and you elect or are forced to use wire antennas then enjoy your hobby. I will refer you all back to Robert Kruse, 1XAM, then technical editor of QST, in his 1923 article entitled "Miles Per Watt: An Argument For The Small Set and For Intelligence in Place of Brute Force; Also a New Efficiency Contest". While he was focusing on the QRO vs. QRP controversy, the real thrust of Kruse's article was one of efficiency.

Beam antennas are more efficient than wires, that's a fact of life. While many in the low power hobby think that QRP means building lots and lots of cutsie little rigs, it is really all about communicating. Your skills as an operator and the efficiency of your station will dictate your success.

Bottom line: have fun. Enjoy QRP, at what ever level of participation you choose, but don't bitch and gripe because someone can make more QSOs than you do during a contest. Focus on your operating technique and

station efficiency and use each succeeding contest to measure your progress.

73 rich K7SZ

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Date: Sun, 3 May 1998 08:04:02 -0500
From: nilsbull@juno.com (Nils R Young)
To: qrp-1@Lehigh.EDU
Subject: [10011] Re: VHF IFs, TR7 IFs and stuff like that
Message-ID: <19980503.200137.10366.0.nilsbull@juno.com>

Gang,

First off, I wanna apologize to Ed Tanton for sounding like I was saying that he was an idiot about the TR7. I just wanted to note that the TR7 does have an intermediat 5 MHz IF that makes life interesting in that radio.

Second off, I missed the auroras, although I was up a couple times last night for the usual reasons.

Thirdly, a chicken.

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 03 May 1998 20:59:16 EDT
From: k7sz@juno.com (Rick Arland)
To: russ@natworld.com
Cc: qrp-1@Lehigh.EDU
Subject: [10012] Re: Adventure Radio Society Birthday!
Message-ID: <19980504.020643.10807.4.k7sz@juno.com>

Hi Russ:

I have the TFR article for QST just about ready. Only mentioned ARS once and did not include any e-mail or website info as per our discussion.

Provided I get the SST reboxed and pix shot, I should have the draft to QST by the end of next week.

73 rich K7SZ

PS: what is my ARS # ? Thought I'd include it on my QSLs for those who collect such things.

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Date: Sun, 03 May 1998 20:58:24 -0400
From: THE ONE AND ONLY <mitch96@pobox.com>
To: Qrp-1@Lehigh.EDU
Subject: [10013] wx mistake, so what else is new
Message-ID: <354D12B0.35DB@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

sorry for the woops, the url doesnt work. this
does, <http://vortex.plymouth.edu/> go to text listing, us observations and
scroll to dayton. or go to
http://www.weather.com/weather/us/cities/OH_Dayton.html
and get the glitz from the wx channel.....
thanks be to the allmighty im not a brain surgeon...oops my !@#\$\$% he he!
--

Mitch, Ww4mL
Eschew Obfuscation!

Date: Sun, 3 May 1998 21:14:39 -0400
From: kt3a@juno.com (Cameron C.R. Bailey)
To: qrp-1@Lehigh.EDU
Subject: [10014] FDIM - Any Novices?
Message-ID: <19980503.211442.3334.2.kt3a@juno.com>

Expect the ARCI Web page to be updated shortly.

If there is a Novice ham out there who would like
to attend FDIM, I have a sponsor.

Registration dude
Cameron C.R. Bailey
Mount Wolf, Pennsylvania
kt3a@juno.com

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Date: Sun, 3 May 1998 21:18:54 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: MNHopkins@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [10015] Re: MFJ 6M SSB? Ho Hum.
Message-ID: <e4cea09c.354d1780@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-05-03 20:44:23 EDT, you write:

<<

My thought was easy to sum: A Ten-Tec \$99 transverter driven by just about
any 20M rig would be better and more versitile. Also, the reviewers rave

about the Ten-Tec.

I could very well be wrong about this but someone told me that MFJ helped TT get started or TT helped MFJ.

Anyone have info on this??

Anyway,I have seen Ten Tec take a lot of short cuts in some of the products they have

TT built a nice CW transceiver with a DC rx ??Not my type of cw rig when everyone is talking about more narrow bandwidth.

When I asked TT about this,they told me it was too expensive to make the C-21 a superhet RX but they put a fine RX in the Argo rigs and it sold cheaper plus had SSB

The same with MFJ, some of the products are HO HUM while other things they have are very good and rated high.Your right about the cw on the MFJ SSB rigs.Why did they even waste the time to put cw on the SSB rigs.

Even with the CW board,there is still no option for getting it narrowed down and CW at approx 2.6 KC wide is sorta rough on a contest weekend

BTW

anyone have the URL for MFJ

Bob

WA2HOQ

Date: Mon, 4 May 1998 01:24:44 GMT

From: k8cv@juno.com

To: tentec@contesting.com

Cc: qrp-1@Lehigh.EDU

Subject: [10016] Early Paragon.....

Message-ID: <19980504.012453.9270.8.k8cv@juno.com>

Hi People.....

After the post on audio pop on first digit in the Omni V , I decided to try the same fix on my early Paragon 1. I think my serial # is around 135. Also wanted to get it down to qrp levels if possible.

First the pop issue. Resistor R78 that Steve Ellington mentioned is R-90 on MY paragon IF / AF board. Put a 100K resistor to gnd from it , as he recommended, and that fixed my pop on first character. Radio sounds great!

Next the qrp mod. Went looking for R-44 as mentioned by Scott Robbins on the 2nd mixer board. My board is NOT like the one in the manual so this fix may work only on early Paragon 1's. I found U-1 P-6 and traced it to a resistor that was already 10K but it is in the position on the board that calls out R-39 and the other side of this R-39 goes to the emitter of a transistor that is not even on the schematic! I paralleled the 10K

(R-39) resistor with another 10K resistor by tacking it on top of the original. Now my power will go down to 5 watts. I did not have to re set the high limit as it did not seem to change. I still get 90 watts full power out, so I'm happy with this mod .

Your milage may differ.....be careful out there, as things are not always as the manual / schematic says! :-)

Walt K8CV

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Date: Sun, 3 May 1998 20:26:57 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [10017] new 20 mtr ant
Message-ID: <199805040126.UAA17536@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang:

The short and long of it period... I am not a contesteer... had a neighbor who is an expert, teamed up with him once for the fun of it, gave him a break when it got slow... what I like to do is get the most m/w going a hop or two in the process... hence the wire/rope/ant when my qth will allow... sorry that this bothers some of u, however this is where I have fun... so to those that like beams and beans, here is my latest adventure... 'rest can hit delete... :-)

Been out in the rain while the bands been dead... I found some old magic numbers for a 4 el quad, ten foot spacing that my neighbor had and I got to looking at the trees around the house... Sure enough

NE straight to europe... so put the loops in a delta configuration and was lucky enough to have the driven element over the window of the shack so the coax run is less than 25ft. Top of the elements is about forty feet or less...

Will let u know what happens when the band opens again... oh the match is good ... didn't use a quarter wave matching stub but it seems to match fifty ohms fairly close...

That's over 200ft of wire over the house! went to wall mart and got some 12-2 w/gnd romex wire (about \$20) and striped it ... got about \$12

worth of rope ... found a short peace of coax around the shack... and bang... Don't forget the rod and reel... one "tossing rock".

Less than fifty bucks and one kick-em ant... just like the forty meter one... (had to take the 3rd element off the forty to set up the new twenty meter ant... hope to put the third element back up tomorrow, think that's about another 3db for forty...

Some imagination, rope, wire, trees and a ham can conteplate milliewatting with five and four readeability reports...

I'm gonna have to tie off the ref on the forty to one rope supporting the twenty mtr. ant... and maybe have the end on the other side drop for the last five feet or so... one needs to be adaptave... :-)

This place an't that big and believe me I got some "poor mans" antennas hanging till the next wind storm...The neighbors are starting to ride by and point at my house so their kids can see... One neighbor wants to come over and listen to what I can receive... I'm curious to see how they (the antennas) will work... and as the wife knows ... if it works ... it is in danger of being replaced with another "I wonder if" ant... 'mazing things antennas... and u don't have to have a zillion bucks or acers to put some zing into the thing... :-) I do tend to get new wire when the solder connections start getting about five feet apart... one can only recycle so long... :-)

Joel, in maine, expecting "to get out"

God Bless
Joel

WA5CVM	Gentlemen don't Cry, They QSY :-)
Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542	2 element yagi on 40mtr
Strong, Maine 04983	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

Date: Sun, 03 May 1998 21:28:03 -0400
From: olyellr@iglou.com
To: RangerSF5@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10018] Re: MFJ 6M SSB? Ho Hum.
Message-ID: <3.0.5.32.19980503212803.00793b00@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:18 PM 5/3/98 EDT, RangerSF5 wrote:
>In a message dated 98-05-03 20:44:23 EDT, you write:
>
>BTW

>anyone have the URL for MFJ
>Bob
>WA2HOQ
>

Hi Bob,

MFJ's home page is: <http://www.mfjenterprises.com/>

73,
Mike L.

de KE4HLU
FISTS #4139 **FISTS CW Club**
99% CW OP....for the pure JOY of it!

Date: Sun, 03 May 1998 21:20:06 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: k7sz@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10019] Re: Contesting/beams/dipoles
Message-ID: <354D17C6.19CE@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Amen.

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364	SCI #1479	QRP-L #945	ARS #203	ARCI #9606
C.A.T.T #2115	FIST 2360	NORCAL	ARRL	

Date: Sun, 03 May 98 20:30:03 PDT
From: Ken Graham <k5id@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [10020] KEYS for SALE
Message-ID: <MAPI.Id.0016.00356964202020203030303430303034@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit

Hey QRP-Lers,

I need to get rid of some of the keys around here. Following for sale, all prices plus shipping; money order or cashiers checks.

Vibroplex Original Deluxe bug, red knobs, all chrome. Chromed Base has six or so imperfections (tiny rust spots) not too noticeable, otherwise perfect. \$65

J38 straight key by Lionel co. Complete and original \$25

Speed-x straight key, as new \$25

Norcal paddles, wide paddles, flat black base, brushed brass finish parts.
Nice. \$35.

Don't worry; I will still have plenty of ways to generate cw and chase foxes next winter.....

Regards, Ken K5ID

Date: Sun, 3 May 1998 16:02:16 -0500
From: "Rud Merriam" <rmerriam@csi.com>
To: <n4js@pobox.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10021] Re: QRPTTF '99 theme?
Message-ID: <199805040227.WAA05722@hil-img-ims-5.compuserve.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Does operating from my swimming pool count?

Rud Merriam KD5DTV
rmerriam@csi.com

> From: n4js@pobox.com
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: RE: QRPTTF '99 theme?
> Date: Sunday, May 03, 1998 3:28 PM
>
> Aha, but what consitutes a "body of water"

>
> _ _ _ _ _ _ _ _ John L. Sielke n4js@pobox.com
> | \ | | | | | _ | | / _ _ | n4js@qsl.net NJ Grid:FM29LN
> | . ' | | _ _ | | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L
#884
> | _ | \ _ | | _ | \ _ _ / | _ _ / QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
> NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
>
>

Date: Sun, 03 May 1998 21:30:29 -0700
From: Terres Family <terresfm@ncia.net>
To: qrp-l list <qrp-l@Lehigh.EDU>
Subject: [10022] QRPP St Louis Loop p 26
Message-ID: <354D4465.220A@ncia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Maybe this was already addressed and I missed it but, seems like the first part of the St Louis Loop article is missing. Anybody know what it said?
thanks
Jerry AA10F
Franconia NH

Date: Sun, 3 May 1998 22:19:42 -0500
From: "Rud Merriam" <rmerriam@csi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10023] Re: MFJ 6M SSB? Ho Hum.
Message-ID: <199805040326.XAA12760@hil-img-ims-4.compuserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The MFJ URL is <http://www.mfjenterprises.com>.

What would everyone suggest for a 6 meter tcvr if one does not have an HF rig. I'm a Tech right now so an HF rig doesn't do me any good.

Also, where can I get a low-pass filter for 6 meters that will block out TV harmonics?

Rud Merriam KD5DTV
rmerriam@csi.com

> From: RangerSF5 <RangerSF5@aol.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: MFJ 6M SSB? Ho Hum.
> Date: Sunday, May 03, 1998 8:18 PM
>
> In a message dated 98-05-03 20:44:23 EDT, you write:
>
> <<
> Even with the CW board, there is still no option for getting it narrowed
down
> and CW at appx 2.6 KC wide is sorta rough on a contest weekend
> BTW
> anyone have the URL for MFJ
> Bob
> WA2HOQ
>

Date: Sun, 03 May 1998 23:33:10 EDT
From: scarylar@juno.com (larry a netz)
To: qrp-1@Lehigh.EDU

Subject: [10024] HELP! K8FF bearing (WHERE?)
Message-ID: <19980503.203141.5447.0.scarylar@juno.com>

Well, I finally did it. I just couldn't leave well enough alone and shaved my bearing enough that my dah arm no longer functions on my K8FF paddles.

Then my dog Murphy, ate the docs that came with the paddles along with my coax feedline and part of the Sucrets box that houses my 49er. (Murphy is now banished forever from the warm garage)

If someone would be kind enough to forward me the ordering info for a replacment bearing (price & address), I would be eternally grateful.

Thanks,

Larry
KF6DRN

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 04 May 1998 00:21:51 -0400
From: Jim Stafford W4Q0 <w4qo@america.net>
To: qrp-1@Lehigh.EDU
Subject: [10025] Four Days In May (tm) Registration on Web Site
Message-ID: <354D425F.1FF@america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rather than post updated copies of the registration for FDIIM, they will now be posted to the QRP-ARCI web site. If you have concerns about whether your registration was received, please check the site first and then email to Cam Bailey, KT3A@juno.com if you don't see your name there and you think it should be!

The web site is <http://www.qrparci.org>

Thanks.

--

Jim Stafford, W4QO ->NoGaQRP Group<- RadioActive Schools(sm) -
11395 West Road ->VP - QRP.ARCI<- Using amateur radio as
Roswell, GA 30075 <http://www.america.net/~w4qo> a teaching tool in
770-993-9500 Fax:770-993-8932 Internet: w4qo@amsat.org north Georgia.
QRP-L#267 QRP-ARCI#6515 G-QRP#5588 MiQRP#897 NorCal#1092 CQC#307

Date: Sun, 3 May 1998 21:48:11 -0700 (PDT)
From: David Feldman <dgf@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [10026] Time to give up on 38 Special heatsinks?
Message-ID: <199805040448.VAA05495@netcom3.netcom.com>

It's been a l-o-n-g time on the shelf for my 38 Special project,
waiting only for the heatsinks from San Luis Machine Co. Has anyone
an update on if they're still going to be made, or should I give up
and roll my own?

Tnx,

73 Dave WB0GAZ dgf@netcom.com

Date: Mon, 04 May 1998 00:46:25 -0400
From: mike czuhajewski <wa8mcq@abs.net>
To: QRP forum <qrp-l@Lehigh.EDU>
Subject: [10027] Regarding QRP journals and US mail
Message-ID: <354D4821.470A@abs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A recent post from Bobgob (known to most of the world as Bob Gobrick)--
what he's talking about here is the advance copies of the QRP Quarterly
that the Inner Circle receives hot off the press. We get several copies
each for sales, for PR, to replace missing copies locally, etc--and also
so we know what's in the thing before the general public gets it. It's
always embarassing to get a note talking about the latest issue and
having to admit that you can't comment since you didn't get your own
copy yet :-) (And no, we don't get free subscriptions--we still have to
subscribe like everyone else does, even those of us who do all the
work.)

>

>I have just got to tell you how "good" things are with our US PostalService - I have been waiting patiently for my "QQ columnist" copies of the latest issue of the April 98 QRP Quarterly since the first ones went out today. Well I went down to my PO Box today (May Day) and lo and behold there they were. \$4 Priority Mail and the postal Date was March 28, 1998. I guess this means that Priority Mail is guaranteed by the USPS to be ONE MONTH minimum - great guaranteeeee. And by the way, it was a sealed package so I know I don't have any QRPers working for my post office - hi.

>

And here's MY story about the USPS and their so-called Priority Mail. When Ade Weiss was inducted into the QRP Hall of Fame he was not at Dayton to accept the plaque, so I mailed it to him by insured, priority mail. After two full months it was returned to me marked as addressee unknown, or moved, or no such address, etc. And the additional markings on the package showed quite clearly that it did go through his local post office in South Dakota. Needless to say, he STILL lives at that address today, as he has for the last gazillion years :-)

If anyone out there on qrp-l still has an innocent, childlike faith in the infallibility of the USPS, I'd like to talk to you about investing some money in some Florida swamp land :-). KU7Y, our editor, put that survey in the last issue about postal matters, and it went out on qrp-l as well, and hopefully in the next issue he'll have a report on what people had to say and what they want. There's always the possibility of giving the option of paying a little extra for first class mail for those who want it. (But first class mail is not always the answer, and sometimes even Priority Mail isn't the answer either!)

And don't forget, folks, the January issue of the QRP Quarterly was the biggest ever, until the April issue which set a new record, but there's always the morning after--when the printer bill comes due :-). Don't expect to see every issue in the future be as big as the April one! It was definitely a rather staggering bill for printing and postage :-)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net
Pres, QRP ARCI

Date: Sun, 03 May 1998 21:53:44 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>

Subject: [10028] really boring QRP question (packet)
Message-ID: <354D49D8.D8887FBD@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just got a Kantronics KPC-3+ that i want to use on 6 meters later, but can use on 2 meters now. I have it hooked to a Kenwood G71 ht (5Watts), and an old crap top. I made a temporary cable, but i cant get it to display anything. I run the software, and can communicate with the radio, and it will key the rig. It will light the recv LED when i drop the squelch. (a factory made cable will be here Tuesday).

i have it on 145.01, and was even scanning .01 to .09 for activity...when it gets a packet the screen does nothing. i have enabled it to copy just about anything, but i still have zip.

anyone have a KPC? Maybe you can enlighten me as to what the mystery is...change software? Maybe someone in the SF bay area has a better freq to listen to?

sorry it's all factory assembled and not CW guys :)) I *did* put together a W9GR dsp kit this weekend, and i ordered 12 'green core' transformers for the junk box.

Date: Mon, 4 May 1998 01:21:37 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: wa8mcq@abs.net
Cc: qrp-1@Lehigh.EDU
Subject: [10029] Re: Regarding QRP journals and US mail
Message-ID: <80c3f0f5.354d5062@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-05-04 00:50:46 EDT, you write:

<< Subj: Regarding QRP journals and US mail
Date: 98-05-04 00:50:46 EDT
From: wa8mcq@abs.net (mike czuhajewski)
Sender: owner-qrp-1@Lehigh.EDU
Reply-to: wa8mcq@abs.net
To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)
>>

From: Conrad <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [10031] Small Wonder at Dayton
Message-ID: <01BD76F1.1092E460@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Fellow QRPers,

Our friend, Dave Benson has been so immersed in the Elmer 101/SW-40+/30+ = kits that he hasn't had a moment to tell us about his *new* offerings = for Dayton. I called him up and he was kind enough to give me an = interview. The least I could do was write a little press.:) Here's the = latest from Dave Benson. Happy reading!

72 - Conrad Weiss - NN6CW=20

Small Wonder Labs, Newington, CT will be introducing several new = products at Dayton '98 according to Dave Benson / NN1G - company = President. Building on the popularity of the SW-40+ and SW-30+ QRP = mono-band kits that Dave launched for the "Elmer-101 Study Course" - he = will add 80 and 20 meter versions. The SW-80+ and SW-20+ will share the = same pricing as the 40 and 30-meter versions. Dave says that "fairly = substantial numbers" of all four kits will be available for purchase at = the Dayton show - at Booth 205 and at the Day's Inn South hospitality = suite. Board kits are \$50.00 (US). Enclosure kits are \$35.00 (US) - both = prices are "hospitality suite pricing."

In addition, there will be another "small wonder" - a one evening kit - = a tiny frequency counter board. This is an audible enunciator that can = be implanted in any of Dave's mono-band kits or any other mono-bander = employing a local oscillator of 10 MHz or less. The 1.25" x 1.75" x = 0.45" PCB-kit can be built in less than an hour and requires a 9-V = transistor battery for power - alternatively it may be powered directly = by your transceiver's internal 12VDC source. It can be configured for 3 = or 4-digit read-out, and has programmable offsets for "normal" or = "inverted" tuning modes. The default speed setting is 13 wpm and it can = be cranked up to 25 wpm for the CW speedsters among us. Thus, if your = SW-40+ is outfitted with one of these, for example, and you're tuned to = 7.041 MHz - you simply press the "FREQ" button and you'll hear: "OH, = FOUR, ONE" in Morse code. The frequency resolution is good to 1 kHz. = Dave reminds us that this is not only a great way to know where you are = on the band but a terrific code-learning tool as well. It draws a scant = 10 ma of current when it enunciates and it uses your transceiver's = side-tone to deliver the message to your ears. Since it's audible and = not visual, it works equally well in broad daylight or the pitch black =

of your pup tent at 3:00am. It utilizes a high quality double-sided PCB =
with artwork suitable for framing. For a mere \$20 per kit you can afford =
to buy a couple for your favorite field rigs and build them right in.

The Green Mountain Series of CW transceivers, introduced in 1995, =
continues to be a popular offering for Dave, and he will have sample =
boards at the show for 10 and 15 meters. Board kits are \$75.00 (US) per =
band.=20

The elegant little White Mountain SSB mono-banders for 75, 40 and 20 =
meters will continue to be offered this year as well. Board kits are =
\$100.00 (US) per band.

Finally, Dave wishes to dispel countless rumors that he's been =
developing a top-secret \$600 QRP multi-band kit. He adds that he's =
eagerly watching the announcements at S&S Engineering and Elecraft but, =
this year, between remodeling his home, launching the SW+ kits for the =
Elmer Class, designing the new frequency enunciator kit - and getting =
the SW-80+ and 20+ kits ready for Dayton - he's really done all he can. =
But, he's quick to add that post-Dayton, he'll be updating his web site, =
catching up on a few things around the house and then - finally -- =
heading back into his lab for some fresh new design work. No doubt he'll =
come up with yet another "small wonder." Stay tuned!

Small Wonder Labs will be at Dayton in Booth #205 - with Embedded =
Research.=20

Special thanks to Dave Benson / NN1G at Small Wonder Labs for making =
this interview possible. For questions email Dave at: bensondj@aol.com =
or visit their website at: <http://www.fix.net/~jparker/sml.html>=20

Standard disclaimers.

72 - Conrad Weiss - NN6CW=20

Date: Mon, 04 May 1998 04:00:31 EDT
From: scarylar@juno.com (larry a netz)
To: n4bp@bc.seflin.org
Cc: qrp-1@Lehigh.EDU
Subject: [10032] Re: HELP! K8FF bearing (WHERE?)
Message-ID: <19980504.005902.5447.2.scarylar@juno.com>

Thanks Bob for your good advice. I sanded the bottom of the arm where
the scratches would be hidden and was back on the air the same night!!!

I am continually impressed with the depth of knowledge associated with this list. Thanks again and vy 73

Larry
KF6DRN

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Date: Mon, 04 May 1998 03:45:32 -0500
From: Mike Martin <mmartin@netins.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10033] Aurora show
Message-ID: <354D8028.4D4CAC7B@netins.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A fantastic show in the northern sky this morning. Bet 2 meters was wild. Unfortunatly, I was at work. Story of my life!!

72/73
Mike
KA0AMA
QRP-L #1506
IAQRP #5
Galesburg, IA

Date: Mon, 4 May 1998 07:07:37 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>
Subject: [10034] Antennas: What is simple?
Message-ID: <Pine.GS0.3.96.980504062707.16867A-1000000@moe>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There seem to be among some contributors a confusion between simplicity and low gain or poor gain. Very often, what we call simple antennas are

the ones that are mechanically simple, such as a 135' doublet fed by parallel feeders to an ATU. The only thing simple about this very old and standard antenna is the mechanics. Electronically, it is more complex than any monoband Yagi.

A doublet is not one antenna, but rather a different antenna on every band on which it is used. On 80, it is a $1/2$ wl resonant or near resonant center-fed dipole. On 40, it is a collinear pair of $1/2$ wl antennas, each end fed. On 20, it is a 2 wl collinear array. etc. On 15, 12, and 10 meters, its main lobes when elevated to about 50 feet up can approach 11 dBi at low take-off angles. This is more gain than most wire Yagis achieve at any angle on 80 meters.

Likewise, an antenna like the ST. Louis Vertical is also not simple--either mechanically or electronically. A helix is electronically complex, even if we tend to reduce it to a few rules of thumb and some trial and error. Mechanically, it is also complex, even if, once constructed, it is fairly easy to set up and take down. (I have a 10-meter beam-in-a-boom in my shop that is the equal in ease of set-up and take down, but it is a 2-element Yagi or a 2-element phased array, depending on how I set it up--all in a 5' PVC boom in my trunk with some 5' sections of mast for easy transport to hilltops.) The vertical gain is likely to be measured around 0 dBi over most soils, but 0 dBi is a good figure capable of world wide QSOs. 10 dBi gain is only about 1.6 S-units better in some favored direction.

So, I wonder once more: what is simplicity? Mechanically simple antennas are not necessarily electronically simple. Low gain antennas are not necessarily simple, nor are mechanically simple antennas necessarily low gain.

One interesting facet of the discussion is that we have almost all learned how to reliably measure within fairly good limits of error the output power of a rig. Even the poorest methods we use to make measurements tend to be within 10% or so, which is only a fraction of a dB differential. And we know if we are using a crude or refined method of measuring power output. In short, we know a great deal about how to reach and maintain the 5 watt limit.

In contrast, the discussion of antennas has shown that we are far less sure of the fundamentals of the subject. If one wants to set a limitation on antennas, then some measure such as gain of the antenna at some elevation angle or effective radiated power at that angle with all variables of ground conditions, both immediate and distance, would have to be invoked. We can both calculate and measure such things. Those who would like to see antenna limitations should study the subjects of both antennas and antenna measurements/calculations in order to propose a standard. Then, since any standard requires a routine (but not

necessarily simply) method of implementation and checking, it should be accompanied by one or more acceptable means of calculation and measurement that each QRP'er might use to ensure adherence (even though, like the 5 watt limit, adherence would be voluntary--but not guess work).

On the other hand, we might also conclude that there are a number of QRP styles, perhaps grouped (but not exhaustively) into categories like "efficiency," "field work," and "physical simplicity," and some others. There are enough QRP'ers to ensure that none of these or other groupings lack kindred spirits, mutual support and development, and arenas for intra-grouping competition--as well as intergroup competition. If we strike a pose that says "my style is the ONLY TRUE QRP work," then we threaten the mutual large group support and development. But if we take pride in our own style and say that we have accomplished X in this manner, then we each contribute to the art of QRP. I have admiration for the microwatt and beam cross country on 40 achievement and for the 5 watt to a raingutter cross country on 40 achievement. I can equally admire the antenna farm I shall never have and the Altoid rig whose innards my eyes can no longer see clearly. I admire miniloops and maxi-Yagi-stacks, even if my own antennas are somewhere in between--and I learn from each one who makes and uses them. Both extremes teach me things of use to my operation.

But this is a preference for diversity, not a demand. I am willing to go along with any antenna standard that might be developed, but only if it makes good electronic or electro-magnetic field sense. Perhaps as a first step, one might generate a usable and measurable standard and then set up a special contest for a while for folks to try it out and see what might be accomplished. After all, look at what has been achieved with the QRP fox hunt. It might, if well-developed, become an invitation and a challenge to those who normally adhere to other styles to try this one. But it would not be a demand, and certainly not a claim of TRUTH! In the same way that 5 watts is a voluntary standard which is both an invitation and a challenge, such an approach to antenna questions might attract more folks than would any claim of truth or any demand. My mental box of cliches has some stuff about attracting bees with honey rather than vinegar, etc.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	----	/	---	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX)	(423)	974-3509
37938-4443 USA	/	\	\	\					cebik@utk.edu
QRPARCI 2572	G-QRP	7203	CQC	125	NEQRP	347	NORCAL	1111	MIQRP 1432
NWQRP 401	ARRL Life:	Technical & Educational	Advisor					10-10	41159

QCWA 13211 scQRP 28 AK/QRP 343 CW Ops QRP Club (VK) 476 FISTS 2600
<http://funnelweb.utcc.utk.edu/~cebik/radio.html>

Date: Mon, 4 May 1998 01:49:41 GMT
From: k8cv@juno.com
To: lhawkes@navnet.net
Cc: qrp-1@Lehigh.EDU, tentec@contesting.com
Subject: [10035] Re: Tamed 1340
Message-ID: <19980504.111542.8750.0.k8cv@juno.com>

Hi Leigh.....

I don't know about the 1320 but, on the 1340, the movement of L-8, L-9 and L-10 windings away from each other fixed the grass on my monitor scope. This is not a radio that I would brag about so that is why you are not seeing any posts about it!

L-1 is VERY critical and if set wrong the AGC goes whacko! With mine I had set it to the center of the filter and when I finally got the slug at the TOP of the can things improved to usable! Look at ASSEMBLY - 32! Step 5-33! Check page 28 and page 26 and page 27!

The information on alignment is scattered all over the manual and they need ONE addendum sheet with the final alignment procedure on it!

I put in a ten turn pot and use an OHR DD-1digital dial with it now!

I would have been better off with a OHR 100A :-)

I will NOT buy any more T-KITS!

Walt K8CV

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 4 May 1998 06:23:57 -0500

From: "ukii" <ukii@megsinet.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [10036] Fwd,Help with QRP+
Message-ID: <002401bd774f\$23c9ee80\$094e85d0@ns1.megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello gang,,,
Found this on a TenTen list I belong to,please,can someone help him? Thanks
73 de john
n9ukx
Hi all,

I am looking for the mods info (Wide range TX) for the following
transceiver :
QRP+ Index Laboratories

Could someone help, pse ?

Thanks in advance
73,
Eddy - F050K

--
Eddy Tchung, F050K
81, Ch. vicinal de Taunoa
PO Box 491, Papeete
Tahiti I., French Polynesia
e-mail : rava@mail.pf
~~~~~

-----  
Date: Mon, 4 May 1998 07:43:55 -0400  
From: kt3a@juno.com (Cameron C.R. Bailey)  
To: N9QIL@aol.com, N8mgu@aol.com

Cc: qrp-1@Lehigh.EDU  
Subject: [10037] Re: Starting Time for FDI Symposium  
Message-ID: <19980504.074638.9598.3.kt3a@juno.com>

For those who want to know.....

7:15 AM Registration begins

8:00 AM Opening remarks

8:15 AM First speaker.....

Cameron C.R. Bailey  
Mount Wolf, Pennsylvania  
kt3a@juno.com

---

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Or call Juno at (800) 654-JUNO [654-5866]

-----

Date: Mon, 4 May 1998 19:32:44 -0500  
From: fmathews@norfolk.infi.net (Frank Matthews)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [10038] QRPP  
Message-ID: <v01530500b1740dbe86a8@[209.97.8.237]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Fellow QRP-Lers,

Received my copy of QRPP in the mail Saturday. This issue is sure to please and has lots of neat stuff. If you don't subscribe to this great little gem....then get off \$15 and do it! You won't be sorry. Thanks again for another great issue!

Frank

Frank Matthews  
Technology Education Department  
Oscar F. Smith High School  
1994 Tiger Drive  
Chesapeake, VA 23320  
(757) 548-0696 Ext. 51  
Email/fmathews@norfolk.infi.net

-----  
Date: Mon, 4 May 1998 08:37:58 -0400 (EDT)  
From: "Warren E. Lewis" <saswel@unx.sas.com>  
To: alk0frp@earthlink.net  
Cc: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)  
Subject: [10039] Re: Contesting/beams/dipoles  
Message-ID: <199805041237.AA06671@sas10131.unx.sas.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> What does this say "Well we don't know how high these wires were". But  
> a station can get to the top ten with dipoles and wires and I'm sure  
> operating skills help. Or go to a  
> rare state like Wy , ND, RI, etc and put up a dipole.  
> As you progress through life in contesting you will hear more stations  
> and copy stations others have difficulty copying. Its call experience.  
> I have been contesting for at least 20 years SS, FD, DX etc. Just keep  
> trying and if you are unable to put up the big yagi's. You still have  
> the ability to get to the winners circle.  
> Practice Practice Practice Just Do IT.  
> If you did not make the top ten , Did you have FUN ??? well thats all  
> thats important.  
> Al K0FRP

Folks...Al is right on the money here!!

I don't think I have made the top ten in any contest, but, boy have I  
had fun doing them!!

The most important thing is that you have FUN FUN FUN!! Also I feel it  
is very important before any contest to set realistic achievable goals.

For example, for this last years Fall QSO party I set the following goals:

1. HAVE FUN!!
2. Be Patient
3. Make >= 150 QSOs
4. Score >= 250K points
5. HAVE FUN!
6. Go for 24 hours

The only goal I fell short of was Number 6. I wound up working 17



hours. I wound up with 261 QSOs, 99 Mults, and 720K points with a ladder-line fed 80 Meter dipole at about 50 feet. I think that effort tripled my best previous effort.

In my opinion you are a winner if you have Fun!!, achieve your personal goals, and strive to improve!!

Just my \$0.02 on this discussion!

cheers and 73 - Warren (AD4ZE)

--

Warren E. Lewis  
Senior Technical Support Analyst  
Technical Support Division  
SAS Institute Inc., Cary, NC

saswel@unx.sas.com  
(919) 677-8001 x6542

-----  
Date: Mon, 4 May 1998 08:45:20 EDT  
From: MNHopkins <MNHopkins@aol.com>  
To: QRP-L@Lehigh.EDU  
Subject: [10040] If Ten-Tec 13XX sucks, 1056 soars  
Message-ID: <1fc30d87.354db861@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

I don't like little QRP transceivers and if I did I'd get one from the master, Dave Benson. Thus I am not surprized at the laments about the Ten-Tec 1300 series which seem to be price competitors.

But don't write off all the T-kits. The jewel in the crown remains the model 1056 DC RX at \$29.95. It comes with a band pack allowing coverage of ANY band, and subsequent change. Locked in a box after completion it is smooth and quiet and shows how good a Direct Conversion receiver can be. It is my regular RX on 30M and examined examples on 20 and even 40 did FB too.

It is such a good product that I am not surprized it is not mentioned on their website and I'll bet they will soon discontinue it.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58  
Michael Hopkins  
Box 226841  
Dallas, TX 75222 MNHopkins@AOL.com

-----  
Date: Mon, 4 May 98 08:06:07 CDT  
From: QLF%mimi@magic.itg.ti.com  
To: QRP-L@Lehigh.EDU, RZWASKA@ND.EDU  
Subject: [10041] STRAIGHT KEY GIVEAWAY  
Message-ID: <9805041306.AA14888@itg.ti.com>

From: Brad Bradfield                      QLF

Subj: STRAIGHT KEY GIVEAWAY

Well friends and neighbors, the winner of the the first straight key giveaway is Bob Zwaska, a brand new tech class licensee. Lots of good comments on this. Hope some of you other old timers out there will take up the ball and do the same thing.

Bob, your straight key will be on the way shortly.

72's es 73's,

Brad, WB0CGH

-----  
Date: Mon, 04 May 1998 08:09:13 -0500  
From: Chuck Carpenter <w5usj@webwide.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: "Chris Mayer" <crmayer@mindspring.com>  
Subject: [10042] 6 meters  
Message-ID: <3.0.1.32.19980504080913.0068d29c@mail.webwide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Chris and All,

>Now that we are beginning to expect some life on 6 meters again --

In the many years that I've been operating 6 meters, I've found that there is almost always life in one or more propagation mode all year around. It may not always be armchair copy and some of the propagation occurrences require skill in making contacts. As someone pointed out earlier, 6 meters, like 10 meters, is a band where you can work the world on 3 watts

but need 100 watts to work the locals.

Propagation modes include E-layer, meteors and meteor showers, aurora (above 40 deg lat or so), ducting, trans-equatorial, thunderstorm ionization, and good old ground wave. When the solar peak occurs we'll be treated to some really good world-wide skip. I have worked England running 4 watts mobile with a halo from WNY.

I'm currently using a Kenwood TS-670 as my 6 meter rig. The TS-670 operates from 50 to 54 MHz and runs a max of 15 watts on SSB and CW. The carrier level is adjustable down to milliwatts (QRPp). Years ago I had a Swan 250, rebuilt Heath DX 35s and DX 40s for 6 operation, and built several transmitters and receiving converters from scratch. Antennas for 6 are in the size category that make them easy to build and you can rotate them with a TV rotor. My favorite is a 3-element quad.

Six meters offers many good communication opportunities. It's also a good transition point into VHF and UHF operation.

72/73 -- Chuck, W5USJ, EM22cv  
Rains County, Eagle Capitol of Texas  
ARCI # 5422, QRP-L # 1306, FISTS # 3984

-----  
Date: Mon, 4 May 1998 08:26:08 -0500  
From: "Mike Martin" <mmartin@internetni.com>  
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [10043] Re: MFJ 6M SSB? Ho Hum.  
Message-ID: <009401bd7760\$4b50e380\$66b264d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A lot of people (myself included) use these MFJ SSB rigs for their intended purpose (SSB) and really like them. I use my MFJ 9420 on 20mtrs, making sideband contacts. My first contact was C6AJR in the Bahamas, using an indoor dipole.

Anyway, that's my two cents' worth.

73's de KA9LYY  
-----Original Message-----  
From: RangerSF5 <RangerSF5@aol.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Sunday, May 03, 1998 9:53 PM  
Subject: Re: MFJ 6M SSB? Ho Hum.

>In a message dated 98-05-03 20:44:23 EDT, you write:  
>  
><<  
> My thought was easy to sum: A Ten-Tec \$99 transverter driven by just  
about  
> any 20M rig would be better and more versitile. Also, the reviewers rave  
> about the Ten-Tec.  
>I could very well be wrong about this but someone told me that MFJ helped  
TT  
>get started or TT helped MFJ.  
>Anyone have info on this??  
>Anyway,I have seen Ten Tec take a lot of short cuts in some of the products  
>they have  
>TT built a nice CW transceiver wirh a DC rx ??Not my type of cw rig when  
>everyone is talking anout more narrow bandwidth.  
>When I asked TT about this,they told me it was to expensive to make the  
C-21 a  
>superhet RX but they put a fine RX in the Argo rigs and it sold cheaper  
plus  
>had SSB  
>The same with MFJ, some of the products are HO HUM while other things they  
>have are very good and rated high.Your right about the cw on the MFJ SSB  
>rigs.Why did they even waste the time to put cw on the SSB rigs.  
>Even with the CW board,there is still no option for getting it narrowed  
down  
>and CW at appx 2.6 KC wide is sorta rough on a contest weekend  
>BTW  
>anyone have the URL for MFJ  
>Bob  
>WA2HOQ  
>  
>

-----  
Date: Mon, 4 May 1998 09:39:47 EST5EDT  
From: "CHARLES LESKIE" <CLESKIE@um-f1.umd.umich.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [10044] RE: MFJ-1796 verticle antenna  
Message-ID: <369C6D8308F@um-f1.umd.umich.edu>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

> > >  
> -----  
> > From: owner-qrp-1@Lehigh.EDU on behalf of Dan Baldwin  
> > Sent: Friday, May 01, 1998 3:18 PM  
> > To: Low Power Amateur Radio Discussion  
> > Subject: MFJ-1796 verticle antenna  
> >  
> > Has anyone used the MFJ-1796 verticle antenna ? If so what did they think  
> > of it ? If you would let me know I sure would appreciate any info. I could  
> > get. Thanks - Dan Baldwin KK7JZ  
> >  
> -----  
>  
> Hi Dan  
> I have had a 1796 for a half year now. Its not a bad antenna. I have  
> had pretty good luck with it, but it is a very difficult antenna to  
> tune. It just about drove me crazy, and I was using an analyzer to  
> tune the spokes. With an swr meter, I would have never got it.  
> I was never able to get 10 meters tuned, but managed to get the  
> other bands working ok, Including 6 and 2 meters. 40 is kind of  
> narrow. you must pick the part of the band you want to be in, tune  
> for that part, and thats it. Before I got the antenna tuned, I had  
> to use a tuner all the time. Now I can run without one in certain  
> parts of the band, but because bandwith is so narrow (this pretty  
> much goes for all the bands), I still use a tuner a lot. I have  
> noticed that with the use of a tuner, the antenna still performs  
> well. In fact, when I was having so much trouble trying to match  
> the swr, I called MFJ's technical help line, and they said that I  
> might want to consider not trying to mess with the spokes at all,  
> and to just rely on the tuner. I realize that on paper, this looks  
> bad, but He said the result would be less than one s-unit difference  
> in most cases. I found that to be true. If I bought another one of  
> those antennas, I would probably not spend so much time trying to  
> tune the antenna, and just run a tuner. The antenna is also very  
> sensative to interaction with surrounding metel objects. (aluminum  
> siding, power lines, metal sheds etc.) making it more difficult to  
> tune swr and in some cases impossible (i live in the city). I suppose  
> that if you live in the country, with no obstructions around, it  
> would be easier to tune this antenna.  
>  
> The antenna is very compact making it easy to set up in even the most  
> space limited areas.  
>  
> You would probably be better off with one of the higher priced  
> antennas like the Gap Titan, Butternut, R7000, or DX77 (some of these  
> antennas are twice the cost of the MFJ). But if your tight on space,

> money or both, or if your just looking to for an economical antenna  
> the MFJ will work fine.

>

> I worked the South Pole from Detroit on mine on 20 meters. About  
> 10,000 miles. (not qrp)

>

> Let me know how it goes. Good luck with your project

>

>

> Chuck kg8zh

>

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Date: Mon, 04 May 1998 08:23:03 -0500

From: Mike Manship <mjmanship@iquest.net>

To: qrp-1@Lehigh.EDU

Cc: MNHopkins@aol.com

Subject: [10045] Re: If Ten-Tec 13XX sucks, 1056 soars

Message-ID: <3.0.2.32.19980504082303.00877480@pop.iquest.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>But don't write off all the T-kits. The jewel in the crown remains the model  
>1056 DC RX at \$29.95. It comes with a band pack allowing coverage of ANY  
>band, and subsiquent change. Locked in a box after completion it is smooth  
>and quiet and shows how good a Direct Conversion receiver can be. It is my  
>regular RX on 30M and examined examples on 20 and even 40 did FB too.

>

>It is such a good product that I am not surprized it is not mentioned on

their  
>website and I'll bet they will soon discontinue it.

This kit (and others) are on the following URL:

<http://www.tentec.com/tkit.htm>

73 de Mike W90J

-----  
Date: Mon, 4 May 1998 10:12:28 -0400 (EDT)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [10046] Re: new 20 mtr ant  
Message-ID: <Pine.LNX.3.93.980504100645.590A-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 3 May 1998, JOEL DENISON wrote:

> Joel, in maine, expecting "to get out"  
                                  ^^^^^^^^^^

Anyone else notice this has gone from hoping, to trying, to expecting?  
Funny thing what a batch of self study will do for ya :) Since I did it  
once, I now "expect" a reply to a CQ at 10 mW! Keep going Joel, someday  
I'll be off this 1400 sq. ft. lot! \$%)\*\$%^\* townhouses, mumble....  
mumble.... !@#(^%@ covenants.... Makes for one heck of a mobile rig  
though <grin>.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | <http://dns.vidtel.com/~ccart> --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

-----  
Date: Mon, 4 May 1998 08:20:37 -0600  
From: "James R. Duffey" <ji3m@maxwell.com>  
To: qrp-l@Lehigh.EDU  
Subject: [10047] Ten-Tec 1253 Experience??  
Message-ID: <v03007800b1737da87349@[192.31.66.158]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Has anybody built the Ten Tec 1253 Superregen Short wave receiver kit? If so what were your impressions? Is it suitable for a beginner? I am thinking of getting one for my daughter, who is a beginner, but who has recently learned to solder as part of a Robot design and building exercise in her high school physics class.

If this kit is not acceptable are there any other good simple short wave receiver kits for beginners? I would get her one of Dave's kits or NorCal's, but my daughter has told me in no uncertain terms that she will not build a radio just for me to operate. She has no interest in getting a license as that requires taking a test which is too much like school.

Your help is appreciated. Thanks - Duffey KK6MC/5

James R. Duffey <jr3m@maxwell.com> (505) 764-3143  
Maxwell Technologies Inc. <http://www.maxwell.com/>  
2501 Yale Blvd SE Suite 300  
Albuquerque, NM 87106-4200

-----  
Date: Mon, 4 May 1998 10:35:53 -0400  
From: John Mckee <JMckee@RFMD.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [10048] Mobile from a Dodge Neon  
Message-ID:  
<c=US%a=\_%p=RF\_Micro\_Devices%l=PACHACUTEC-980504143553Z-9574@proxy1.rfmd.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Gang,

Has anyone out there operated HF (30m and higher) mobile from a Dodge Neon.  
I was thinking maybe a hamstick and triple magnetic mount might do the trick.

tnx es 72

John WB4OFT  
email: [jmckee@rfmd.com](mailto:jmckee@rfmd.com)

-----



Date: Mon, 4 May 1998 07:40:27 -0700  
From: "Roger A. McCarty" <rmccarty@earthlink.net>  
To: <ji3m@maxwell.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [10049] Re: Ten-Tec 1253 Experience??  
Message-ID: <01bd776a\$9499fb80\$9aa9d9cf@accurate-1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yes James, My Son just recently completed this kit. It is, imo, a good kit for the beginner. Easy to assemble and quite a sensitive lil bugger. I did not notice any snafu's or errors in the construction manual and the unit operated properly from the get go.

Roger KD6CC

-----Original Message-----

From: James R. Duffey <ji3m@maxwell.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Monday, May 04, 1998 7:23 AM  
Subject: Ten-Tec 1253 Experience??

>Has anybody built the Ten Tec 1253 Superregen Short wave receiver kit? If  
>so what were your impressions? Is it suitable for a beginner? I am thinking  
>of getting one for my daughter, who is a beginner, but who has recently  
>learned to solder as part of a Robot design and building exercise in her  
>high school physics class.

>

>If this kit is not acceptable are there any other good simple short wave  
>receiver kits for beginners? I would get her one of Dave's kits or  
>NorCal's, but my daughter has told me in no uncertain terms that she will  
>not build a radio just for me to operate. She has no interest in getting a  
>license as that requires taking a test which is too much like school.

>

>Your help is appreciated. Thanks - Duffey KK6MC/5

>

>James R. Duffey <ji3m@maxwell.com> (505) 764-3143  
>Maxwell Technologies Inc. <http://www.maxwell.com/>  
>2501 Yale Blvd SE Suite 300  
>Albuquerque, NM 87106-4200

>

>

>

>

-----  
Date: Mon, 4 May 1998 07:38:36 -0700  
From: Conrad <radman@best.com>  
To: "'Low Power Amateur Radio Discussion'" <grp-1@Lehigh.EDU>  
Subject: [10050] "Small Wonder" (short line version) re-send  
Message-ID: <01BD772F.A7154840@radman.vip.best.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

This is a "short line" re-send of my earlier post.  
Couple of folks had trouble with "long lines" or "wrap."

Let me know if anyone needs further assistance.

Tnx -- Conrad Weiss -- NN6CW

\*\*\*\*\*

Fellow QRPers,

Our friend, Dave Benson has been so immersed in the Elmer 101/SW-40+/30+ kits that he hasn't had a moment to tell us about his \*new\* offerings for Dayton. I called him up and he was kind enough to give me an interview. The least I could do was write a little press. :) Here's the latest from Dave Benson. Happy reading!

72 - Conrad Weiss - NN6CW

\*\*\*\*\*

Small Wonder Labs, Newington, CT will be introducing several new products at Dayton '98 according to Dave Benson / NN1G - company President. Building on the popularity of the SW-40+ and SW-30+ QRP mono-band kits that Dave launched for the "Elmer -101 Study Course" - he will add 80 and 20 meter versions. The SW-80+ and SW-20+ will share the same pricing as the 40 and 30-meter versions. Dave says that "fairly substantial numbers" of all four kits will be available for purchase at the Dayton show - at Booth 205 and at the Day's Inn South hospitality suite. Board kits are \$50.00 (US). Enclosure kits are \$35.00 (US) - both prices are "hospitality suite pricing."

In addition, there will be another "small wonder" - a one evening kit - a tiny frequency counter board. This is an audible

enunciator that can be implanted in any of Dave's mono-band kits or any other mono-bander employing a local oscillator of 10 MHz or less. The 1.25" x 1.75" x 0.45" PCB-kit can be built in less than an hour and requires a 9-V transistor battery for power - alternatively it may be powered directly by your transceiver's internal 12VDC source. It can be configured for 3 or 4-digit read-out, and has programmable offsets for "normal" or "inverted" tuning modes. The default speed setting is 13 wpm and it can be cranked up to 25 wpm for the CW speedsters among us. Thus, if your SW-40+ is outfitted with one of these, for example, and you're tuned to 7.041 MHz - you simply press the "FREQ" button and you'll hear: "OH, FOUR, ONE" in Morse code. The frequency resolution is good to 1 kHz. Dave reminds us that this is not only a great way to know where you are on the band but a terrific code-learning tool as well. It draws a scant 10 ma of current when it enunciates and it uses your transceiver's side-tone to deliver the message to your ears. Since it's audible and not visual, it works equally well in broad daylight or the pitch black of your pup tent at 3:00am. It utilizes a high quality double-sided PCB with artwork suitable for framing. For a mere \$20 per kit you can afford to buy a couple for your favorite field rigs and build them right in.

The Green Mountain Series of CW transceivers, introduced in 1995, continues to be a popular offering for Dave, and he will have sample boards at the show for 10 and 15 meters. Board kits are \$75.00 (US) per band.

The elegant little White Mountain SSB mono-banders for 75, 40 and 20 meters will continue to be offered this year as well. Board kits are \$100.00 (US) per band.

Finally, Dave wishes to dispel countless rumors that he's been developing a top-secret \$600 QRP multi-band kit. He adds that he's eagerly watching the announcements at S&S Engineering and Elecraft but, this year, between remodeling his home, launching the SW+ kits for the Elmer Class, designing the new frequency enunciator kit - and getting the SW-80+ and 20+ kits ready for Dayton - he's really done all he can. But, he's quick to add that post-Dayton, he'll be updating his web site, catching up on a few things around the house and then - finally - heading back into his lab for some fresh new design work. No doubt he'll come up with yet another "small wonder." Stay tuned!

Small Wonder Labs will be at Dayton in Booth #205 - with Embedded Research.

Special thanks to Dave Benson / NN1G at Small Wonder Labs for making this interview possible. For questions email Dave at: [bensondj@aol.com](mailto:bensondj@aol.com) or visit their website at:

<http://www.fix.net/~jparker/sml.html>

Standard disclaimers.

72 - Conrad Weiss - NN6CW

-----  
Date: Mon, 04 May 1998 10:46:40 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-l@Lehigh.EDU  
Subject: [10051] Re: playing field  
Message-ID: <354DD4D0.7E69@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A. 1.

130 ft wire @ 20 ft (doesn't really count--no 160M contacts).

33 ft wire out the window to a tree outside my 2nd floor  
apartment window--still works on 10/15/20M.

86 ft open wire fed dipole @ 30 ft used on 80/40/20M till one  
of the trees was cut down.

--Zack W1VT

-----  
Date: Mon, 04 May 1998 10:04:57  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@Lehigh.EDU  
Subject: [10052] Re: HELP! K8FF bearing (WHERE?)  
Message-ID: <3.0.3.16.19980504100457.23af4f52@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I filled my bearings down a little too far also and fixed them by melting  
a layer of solder on the bearing end.

I also noticed that the bearing look to be the same as the ones I use to replace worn shaft bearings in some VCR motors. They cost \$7.95 for a bag of three, but the place I get them from has a \$20.00 min order...

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Mon, 4 May 1998 09:02:13 -0600  
From: "James R. Duffey" <jj3m@maxwell.com>  
To: nilsbull@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [10053] Not a Chicken  
Message-ID: <v03007801b1738813e5ea@[192.31.66.158]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Nils - I think you are wrong on this one; 5 MHz IF or not. -

"Thirdly, a chicken."

I am pretty sure that this should read;

Thirdly, a bicycle seat because a vest has no sleeves.

Maybe a typo huh? - Duffey KK6MC/5

James R. Duffey        KK6MC/5   DM65   <jamesd1@flash.net>  
30 Casa Loma Road  
Cedar Crest NM 87008

-----  
Date: Mon, 4 May 1998 11:48:18 -0400 (EDT)  
From: Richard Brittingham <rbritt@visi.net>  
To: John McKee <JMckee@RFMD.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10054] Re: Mobile from a Dodge Neon  
Message-ID: <Pine.GS0.3.96.980504114638.8054A-100000@ankara.visi.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

A doctor where I work works HF in a Neon (a red one in fact). A TS-430 a tri-mag mount and hamstick on 80-10 (no WARC) and it works fine (I know - I installed it and tuned the antennas). I used a MFJ-259 to tune the antennas.

73

Richard W4MCD

-----  
Amateur Radio Operator as WD4AEF for 22 years  
Now Vanity Call is W4MCD

-----  
Date: Mon, 4 May 1998 09:21:33 -0700  
From: dave\_epps@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [10055] Another Great Kit  
Message-ID: <19980504.093053.6678.1.dave\_epps@juno.com>

Just completed "The K1MG Digital Clock/Counter" kit and it's a "WINNER".  
It went together perfectly and worked right off the bat.  
I am just an average kit-builder, but I do pay attention to details and IMHO  
this is a well-designed and useful product.

No connections!  
dave ab5pc fresno, ca.

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 04 May 1998 10:08:03 -0700  
From: Pierre Constantineau <pierre@cmpe.ubc.ca>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10056] Re: elmer 101: diodes questions...

Message-ID: <354DF5F2.6E5C5497@cmpe.ubc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I had a very good reply for my questions. If anyone wants a copy just tell me so!

I have one more question about diodes:

For building mixers, how does one match the diodes?

I am thinking of a few ways of looking at them:

- Have the same current-voltage curve (on a curve tracer)
- Have the same forward resistance
- Have the same backward resistance
- Have the same voltage drop reading from a digital voltmeter on the diode measurement

I do not have a curve tracer... What is the best method to compare them?

--

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-----o000--( )--000o-----
Pierre Constantineau  B.Eng          Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate        Phone: (604) 822-2913
Flash Smelting Group                Fax:   (604) 822-4750
Centre For Metallurgical             111-2355 East Mall
Process Engineering                 Vancouver, BC, Canada
U. of British Columbia .ooo0        V6T 1Z4
http://noname.cmpe.ubc.ca ( )      Oooo.  Amateur Radio: VE7JPC
-----\ (---( )-----
              \_ ) /
              (_/

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Date: Mon, 4 May 1998 09:16:28 -0800  
From: "Larsen, Jim" <JLarsen@alascom.att.com>  
To: "'pierre@cmpe.ubc.ca'" <pierre@cmpe.ubc.ca>  
Cc: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>  
Subject: [10057] RE: elmer 101: diodes questions...  
Message-ID: <EAAF194D47B2D11189E6006097E5893A077855@alascomexca.alascom.att.com>  
MIME-Version: 1.0

Content-Type: text/plain

Hi Pierre,

Please send your answers to Mike for him to put on the ELMER 101 Web page. But just in case, please send a copy to me direct, also? :-)

73, Jim, AL7FS

-----Original Message-----

From: Pierre Constantineau [SMTP:pierre@cmpe.ubc.ca]

Sent: Monday, May 04, 1998 9:08 AM

Subject: Re: elmer 101: diodes questions...

I had a very good reply for my questions. If anyone wants a copy just tell me so!

-----  
Date: Mon, 4 May 1998 13:21:53 EDT  
From: Shephed <Shephed@aol.com>  
To: qrp-1@Lehigh.EDU  
Subject: [10058] Dayton Weather (Not QRP)  
Message-ID: <9b87349e.354df932@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Hello people:

Check out my Webpage for the latest and the 7 day weather forecast. Insiders say that Hamvention weekend looks good, we'll see. :-)

Also if you need a place to check out the goodies you get at HV, or just want to stop by for a cup of Joe, give me a call when you get in town. The coffee's always on! 937-254-8775.

72, 73's and have fun here in Dayton!  
Dan, N8VZU

-----  
Date: Mon, 04 May 1998 12:50:24 -0400  
From: Jim Stafford W4Q0 <w4qo@america.net>



To: QRP-L <qrp-l@Lehigh.EDU>  
Cc: Buck Switzer N8CQA <n8cqa@tir.com>, "Jim Stafford, w4qo" <w4qo@america.net>,  
"Ken Evans, W4DU" <w4du@bellsouth.net>,  
Mike Czuhajewski WA8MCQ <wa8mcq@u1.abs.net>, Bob Gobrick bobgob  
<rgobrick@att.net>, Byron Johnson WA8LCZ <byron8lcz@aol.com>,  
Subject: [10059] Dayton: Need antenna crew  
Message-ID: <354DF1D0.3072@america.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

We need some local QRP club or even just "two guys" to bring an antenna or two to the Dayton FDIM/ARCI hospitality show. The NoGaQRP group has provided this the past three years, but because we now are bringing a whole bunch of other stuff for FDIM, we sure could use someone to bring a long wire/tuner, windom, zepp, and/or a vertical/SLV etc to set up in the area next to the hospitality suite. Bringing the feed line in to a table where folks can try rigs/demo products, etc.

Can you help us here? Thanks.

--

Jim Stafford, W4QO      ->NoGaQRP Group<-      RadioActive Schools(sm) -  
11395 West Road      ->VP - QRP.ARCI<-      Using amateur radio as  
Roswell, GA 30075      <http://www.america.net/~w4qo>   a teaching tool in  
770-993-9500   Fax:770-993-8932   Internet: w4qo@amsat.org   north Georgia.  
QRP-L#267 QRP-ARCI#6515 G-QRP#5588 MiQRP#897 NorCal#1092 CQC#307

-----  
Date: Mon, 04 May 1998 13:05:58 -0400  
From: Jim Stafford W4QO <w4qo@america.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Cc: Buck Switzer N8CQA <n8cqa@tir.com>, "Jim Stafford, w4qo" <w4qo@america.net>,  
"Ken Evans, W4DU" <w4du@bellsouth.net>,  
Mike Czuhajewski WA8MCQ <wa8mcq@u1.abs.net>, Bob Gobrick bobgob  
<rgobrick@att.net>, Byron Johnson WA8LCZ <byron8lcz@aol.com>,  
Subject: [10060] Dayton: QRP/ARCI Vendor night - status  
Message-ID: <354DF576.204C@america.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Thus far we have the following signed up for Vendor Night at Dayton

(Days Inn South) Friday night at 9 PM til ????

1. Rex Harper/W1REX products
2. Small Wonder Labs
3. Sunlight Energy Systems
4. GQRP Club
5. Kanga UK
6. EleCraft
7. S&S Engineering
8. NJQRP/Gusher Antennas
9. QRP Amateur Radio Club International

If your name is not on this list, and you would like to have FREE (amazing in this day and age) table to show your wares/push your "junque", please let me know asap.

Clubs - If your local/regional club would like to have a table to promo your club, again, just let me know so I can reserve your table.

Lastly, if you think there is a company/club that should be represented, please forward them this message ASAP so they can contact me and we can get things arranged.

Thanks.

--

Jim Stafford, W4QO      ->NoGaQRP Group<-      RadioActive Schools(sm) -  
11395 West Road      ->VP - QRP.ARCI<-      Using amateur radio as  
Roswell, GA 30075      <http://www.america.net/~w4qo>      a teaching tool in  
770-993-9500      Fax:770-993-8932      Internet: w4qo@amsat.org      north Georgia.  
QRP-L#267      QRP-ARCI#6515      G-QRP#5588      MiQRP#897      NorCal#1092      CQC#307

-----  
Date: Mon, 04 May 1998 10:36:37 -0700  
From: Pierre Constantineau <pierre@cmpe.ubc.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10061] Elmer 101: SW40+ frequency questions  
Message-ID: <354DFCA5.9098697F@cmpe.ubc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Some more questions...

In a transceiver, what is really happening to the signals?  
Let's say I hear a CW signal at 7.100 (or any other frequency).  
In our SW-40+, it is mixed with the VFO to move it to the IF frequency.  
It is filtered by the IF filter and then mixed with a BFO signal to  
obtain the message of the signal (audio).

BUT to actually hear the CW transmission we must shift our receiver  
to obtain a tone. With this shift, when we transmit, do we transmit at  
the same frequency as the received signal or do we send it shifted by  
the tone we are using?  
How does our little transceiver deal with these things?

In SSB, the signal is also mixed with the VFO but in this case, where  
exactly is 7.100 mhz in the filter? Is it on center or shifted to  
get the sideband in the middle?  
How do we (or the radio) deal with this shift?  
How about in the BFO and detector?

Thanks

--

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Pierre Constantineau  B.Eng           Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate         Phone: (604) 822-2913
Flash Smelting Group                 Fax:   (604) 822-4750
Centre For Metallurgical              111-2355 East Mall
Process Engineering                  Vancouver, BC, Canada
U. of British Columbia .oooO         V6T 1Z4
http://noname.cmpe.ubc.ca ( )       Oooo.  Amateur Radio: VE7JPC
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-----  
Date: Mon, 4 May 1998 13:34:44 -0400 (EDT)  
From: Richard Brittingham <rbritt@visi.net>  
To: Pierre Constantineau <pierre@cmpe.ubc.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10062] Re: elmer 101: diodes questions...

Message-ID: <Pine.GS0.3.96.980504132743.9462A-100000@ankara.visi.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

You can get a look at the diodes "curve" without a curve tracer. You can build a octopus. Its costs about \$15 US to build and uses generic parts.

If you dont have a diagram for one, let me know.

Leave your address and I'll copy one and mail it to you.

Others on this group have helped me alot, and Maybe I can help others. (at least I'll try).

What it does is makes a dual trace oscscope (in X-Y mode) read the junction. It puts 60 HZ signal (low voltage from a transformer) across the diode (or great for checking transistors in circuit) and you get a 90 degree display pon the scope. You can check for leaky caps real fast too in circuit too.

I bought all the parts from Radio Shack for about \$15 including the box. The diagram came out of a US Navy manual.

73/72

Richard W4MCD

-----  
Amateur Radio Operator as WD4AEF for 22 years  
Now Vanity Call is W4MCD

-----  
Date: Mon, 4 May 1998 10:50:32 -0700  
From: dave\_epps@JUNO.COM  
To: qrp-l@Lehigh.EDU  
Subject: [10063] nuts&volts special  
Message-ID: <19980504.105032.6574.1.dave\_epps@juno.com>

3 free issues with subscription.                      qrp related articles.

no connection.  
    dave ab5pc fresno, ca

-----  
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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 04 May 1998 13:52:11 -0400  
From: joel malman <malman@world.std.com>  
To: qrp-l@Lehigh.EDU  
Cc: malman@world.std.com  
Subject: [10064] Band conditions  
Message-ID: <199805041752.AA20253@world.std.com>

Group,

If you are at work now and are wondering what the conditions will be like for tonight's Spartan Sprint ... It does not look good as of 1730z, the last time I checked.

There are NO cw signals on 20 meters (none, zip). I checked to make sure my antenna was connected, it was ...

On 40 meters there are maybe 2 or 3 signals heard, from stations about as far away as 250-300 miles and that is it.

If you happen to like 30 meters for a rag chew or DX - forget it. Not one signal heard from 10.100 (including the ever present RTTY on 10.1005) all the way up to 10.120 MHz. Nothing.

At least there a few hours left till 0100z, maybe things will get better.

/joel      wa1qvm      (Concord, Mass)

-----  
Date: Mon, 4 May 1998 10:53:43 -0700 (PDT)  
From: KC5TJA <kc5tja@topaz.axisinternet.com>  
To: Richard Brittingham <rbritt@visi.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10065] Re: elmer 101: diodes questions...  
Message-ID: <Pine.LNX.3.96.980504105233.11014A-100000@topaz.axisinternet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> You can get a look at the diodes "curve" without a curve tracer. You can  
> build a octopus. Its costs about \$15 US to build and uses generic parts.  
> If you dont have a diagram for one, let me know.

If you can, please post it on a web site. I think it would be most  
beneficial if everyone could see it.

I've never heard of an octopus myself (well, not in the electronics  
sense), so I'm interested in seeing it myself.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13         |      Samuel A. Falvo II
      QRP-L #1447  |      http://www.dolphin.openprojects.net
=====
```

-----

Date: Mon, 04 May 1998 10:59:24 -0700  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: Bill Jones <kd7s@psnw.com>, Vic Rosenthal <rakefet@rakefet.com>, Dave AB5P  
<dave\_epps@juno.com>, Jay W6JDB <jayboy@psnw.com>,  
"Burl A. Keeton" <n5duq@juno.com>, Gary Evans AA6R <gevans@lightspeed.net>,  
QRPDave <QRPDave@ocsnet.net>, Stephen Hawkins <sjhawk2@pacbell.com>,  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10066] Central CA QRPicnic is on!  
Message-ID: <354E01FC.92CE7F48@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The first annual Central California QRPicnic will be held at Woodward Park in  
Fresno  
on Sunday, July 12 at 3 pm. The picnic will be at the River View picnic area  
(tables  
1 and 2). Please bring:

- 1) XYL and kids
- 2) Antennas, radios, etc.
- 3) \$2.00 to pay for entrance to the park (sorry)
- 4) Food. Please let me know if you're interested in bringing some extra to share,  
and I'll coordinate.

There will be a grill that we can use, though we may have to share it with others  
at  
the picnic area. Someone will also need to bring charcoal, etc.

There is lots of room for antennas -- trees, etc. I 'forgot' to explain this to the clerk when I reserved the place, but I've operated from here before without any problems (except the time I droppped my aluminum vertical on somebody's car), so it should be OK.

This is going to be a lot of fun!

Vic, K2VCO  
Fresno CA

-----  
Date: Mon, 04 May 1998 13:59:06 -0400  
From: Ronald Hands <rhands@hwcnc.org>  
To: qrp-1@Lehigh.EDU  
Subject: [10067] Shipping to Cuba  
Message-ID: <354E01EA.E26E2A65@hwcnc.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

There have been several comments lately about shipping to Cuba from Canada.

Yes, it can be done.

Unfortunately, in my limited experience (sample of one), it was not a happy experience.

I sent a small shortwave receiver to a Cuban pen-pal friend, via registered air mail (would have insured it but that was not an available option).

He never received it.

I put a trace on the shipment and Canada Post reports that they have made three attempts to contact the Cuban authorities with, so far, no response.

So I'm out about \$150 Canadian, and have lost a little faith in humanity.

Your mileage may vary...

-- Ron VE3SP

-----  
Date: Mon, 4 May 1998 14:07:13 -0400  
From: "Fishman, Clark" <cfishman@pica.army.mil>  
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>

Subject: [10068] Diode matching  
Message-ID: <61184F6C1EF9D0119A6300609798EA460101816A@pica-emh9.pica.army.mil>  
MIME-Version: 1.0  
Content-Type: text/plain

I just built a double balanced mixer using 1N914 diodes. I made a test set for matching by terminating a signal generator in 50 ohms and feeding it in series with the diode under test. The other end of the diode went to the parallel combination of a 2.2K resistor and .01 uf cap to ground. A digital DC volt meter was across the 2.2K and reads the detected voltage.

simple and it works

Clark WA2UNN cfishman@pica.army.mil

-----  
Date: Mon, 4 May 1998 19:04:22 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [10069] Band Conditions  
Message-ID: <199805041804.TAA08639@chuck.dallas.sgi.com>

Gang,

Yesterday evening on WWV, Solar Flux 117, A-Index 48. But don't let that scare you. After sunset you gotta try 40M anyway. I'll try to be on for the test tonight.

On Friday night I turned on the SW-40+ on 40M and the County Hunters (CH) contest was on. In just under 20 minutes worked a bunch of counties, thus a bunch of states. I know that some have complained that they were on 'our' frequencies, but it was a good chance to work a lot of stations in a short period of time. Reasons? Well, they are good operators. Just remember that this is a large group of operators that have to work mobile stations in some 3,076 different counties/parishes/.... so they understand weaksignal work. :-) They are good operators with good code speeds and the exchange was only RST and COUNTY STATE without a comma in between. But you knew that if you listened to only two or three exchanges.

I was on trying to catch another QRP-L member with a SW-40+ on and no free frequencies. When you can't fight 'em, join 'em is



the motto of the day.

More material to follow today.

FYI

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> adams@sgi.com

-----  
Date: Mon, 4 May 1998 13:52:26 -0400 (EDT)  
From: Richard Brittingham <rbritt@visi.net>  
To: joel malman <malman@world.std.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10070] Re: Band conditions  
Message-ID: <Pine.GS0.3.96.980504135151.9462E-100000@ankara.visi.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought my radio or antenna was dead. Thanks...

I'll quit trying to fix my radio.

: -))

-----  
Amateur Radio Operator as WD4AEF for 22 years  
Now Vanity Call is W4MCD

-----  
Date: Mon, 4 May 1998 13:54:13 -0400 (EDT)  
From: Richard Brittingham <rbritt@visi.net>  
To: KC5TJA <kc5tja@topaz.axisinternet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10071] Re: elmer 101: diodes questions...  
Message-ID: <Pine.GS0.3.96.980504135302.9462F-100000@ankara.visi.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

If I get a lot of requests I will make it a file to send out. I dont have

a place to put it for everyone to get it. I will be glad to send it to anyone who can post it. And email it to everyone who wants it (of course).

73/72

-----  
Amateur Radio Operator as WD4AEF for 22 years  
Now Vanity Call is W4MCD

-----  
Date: Mon, 4 May 1998 11:06:05 -0700 (PDT)  
From: KC5TJA <kc5tja@topaz.axisinternet.com>  
To: Richard Brittingham <rbritt@visi.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10072] Re: elmer 101: diodes questions...  
Message-ID: <Pine.LNX.3.96.980504110500.12008A-100000@topaz.axisinternet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 4 May 1998, Richard Brittingham wrote:

> If I get a lot of requests I will make it a file to send out. I dont have  
> a place to put it for everyone to get it. I will be glad to send it to  
> anyone who can post it. And email it to everyone who wants it (of course).

Maybe have someone post it on the Elmer 101 web pages? In either case,  
I'm certainly interested in the Octopus circuit. I think it'd come in  
handy in the future.

=====  
KC5TJA/6           |                               -| TEAM DOLPHIN |-  
DM13               |                               Samuel A. Falvo II  
QRP-L #1447       |                               <http://www.dolphin.openprojects.net>

-----  
Date: Mon, 4 May 1998 14:15:24 -0400 (EDT)  
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
To: Chuck Adams <adams@chuck.dallas.sgi.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [10073] Stinko band  
Message-ID: <Pine.LNX.3.95.980504141011.8282K-1000000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought the rig and/or antenna was going south both yesterday and this morning. Then I tried another radio and another antenna.

Wow, haven't heard it like this in a LONG time.

So this morning, as NF3I/M...hey, cool, it's K9FL/M - I wonder where HE is?

Turns out I'm north of DC, he to the northwest, and we're about 15 miles apart. Oh well; we had a nice 40m chat anyway, and I called him at work shortly thereafter.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\* 6m 82 grids on 8w \* DXCC WAS WAC \* QRP-L #147 \* QRP ARCI #9054 \*  
\* <http://w3eax.umd.edu/~ham> \* ARRL Life Member /Laurel ARC/UMARA \*  
\*\*\* 301-549-1022 h 301-982-1015 w \*\*\* 35 wpm HF mobile CW Neon \*\*\*

-----  
Date: Mon, 04 May 1998 11:28:09 -0700  
From: Pierre Constantineau <pierre@cmpe.ubc.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10074] Elmer 101:Tools on Web page(was Diodes questions)  
Message-ID: <354E08B9.E7281B9F@cmpe.ubc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Regarding the octopus...

Maybe there could be a tools and instruments section on the elmer 101 web page.

It could include this octopus, the rf probe, crystal testers and other homebrew testers and other little things to test our circuits.

This sure would be a great place to put these things...

Comments?

--

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Pierre Constantineau B.Eng Email: pierre@cmpe.ubc.ca  
M. Applied Sciences Candidate Phone: (604) 822-2913  
Flash Smelting Group Fax: (604) 822-4750  
Centre For Metallurgical 111-2355 East Mall  
Process Engineering Vancouver, BC, Canada  
U. of British Columbia .ooo0 V6T 1Z4  
http://noname.cmpe.ubc.ca ( ) Oooo. Amateur Radio: VE7JPC  
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Date: Mon, 04 May 1998 12:23:57 -0600  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10075] RR mobile  
Message-ID: <354E07BD.2FAB@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Fellow QRPers

Hope everyone has a good time tonight trying to make contacts during the Sprint contest!!

During the contest I will be on 30 meters trying to make some contacts during my lunch hour while being railroad mobile. Chances are, the band will stink as well as 40m, but what the heck it's fun trying, and one never knows, the bands may improve.

So, if after you make all the contacts you can on 40, listen for me tonight for this test.

Time: 0130-0230z( may not start on time as work gets in the way!!)

Freq: 10.115- 10.116 mhz

Call: WB5QYT/RRM

Rig: SST-30 @3w

Ant: 1/4 wave sloper mag mounted to the side of locomotive

Counterpoise: 150 tons of steel!

Hope to work a bunch!!!72, Tom WB5QYT/RRM

-----  
Date: Mon, 04 May 1998 13:43:55 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: ham@w3eax.umd.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10076] Re: Stinko band  
Message-ID: <354E0C6B.24CA49C4@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Scott Rosenfeld [NF3I] wrote:

>  
> I thought the rig and/or antenna was going south both yesterday and this  
> morning. Then I tried another radio and another antenna.  
>  
> Wow, haven't heard it like this in a LONG time.

Try six and two meters. From what I heard they were hopping last night  
with Aurora contacts on two meters available all the way down into  
northern Georgia.

Last night the 3 hour A index reached 317 with the K at 9. Storm  
conditions classified as major to severe. According to the government  
folks who track such stuff, conditions haven't been this bad since 1992.  
Only time significantly worse was in 1989.

Wonder how many people packed up their gear to ship back for repairs  
because no signals were making it through? HI

73 de Dave, N0IT

-----  
Date: Mon, 04 May 1998 18:50:43 -0700  
From: utahfolk@konnections.com  
To: qrp-1@Lehigh.EDU  
Subject: [10077] THE BIG "A" --- CONTEST TIME!!!  
Message-ID: <354E7073.7AEF@konnections.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Checking ftp://ftp.sel.noaa.gov/pub/latest/www.txt at 98 May 4 @ 18Z  
data for May 3 : Boulder A (BA)=50 and Solar Flux (SF) = 117.

The BANDS ARE DEAD! Baloney! Don't be a weakling! Don't let  
those dirty little D-layer ping pong electrons eat your lunch!

It's CONTEST TIME: How good are your ears on 80M in the middle of this  
great Magnetic HydroDynamic Shockwave ??? (a/k/a "THE BANDS ARE  
DEAD!") All YOU gotta do is fire up on 80M as follows:

If power is 100 watts or more, then work 3540-3550

If power is less than 100 watts, then work 3555-3565

and report in the following format:

Your Call + QTH + ..... log items ....

| DATE           | TIME  | LOCAL<br>TIME | FREQ | QSO CALL | LOCATION | DISTANCE<br>MILES | POWER<br>WATTS | BA | SF |
|----------------|-------|---------------|------|----------|----------|-------------------|----------------|----|----|
| e.g.,<br>May 5 | 1823Z | 1223Z         | 3555 | N7XJ     | UT-MANTI | 1234              | 123            | 66 |    |

123

log continued .... ANTENNA

wet noodle

... where BA= Boulder A-Index and SF= Solar Flux as taken  
from WWV as near as you can from the time you made the qso.

This egram to both cq-contest@contesting.com and the QRP crowd at  
qrp-l@lehigh.edu ... I'll report all the logs I get to both reflectors  
in summary .... then we can argue who won! ... Oh, one more thing, the  
"QSO" has to last at least 5 minutes!

Big A Contest Time Period: From May 2 @ 12Z until  
the Boulder A index drops below 30 and fizzles for a spell into the  
twilight! Come on, don't let them QRO boys kick dirt in yer face!

Send logs to Dave Fischer/NC7W ==>>> utahfolk@konnections.com

-----  
Date: Mon, 4 May 1998 14:24:54 +0000

From: "Bryan Turner" <turnerw@email.uah.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [10078] Six Meter "DX"  
Message-ID: <9805041936.AA00632@uahis1.uah.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7BIT

There was a six meter band opening Friday evening (0100 Saturday UTC).  
I was able to work New Mexico from Alabama with only 8 Watts and a  
dipole made from mobile whips. There were few ops on the band, and  
some distant stations were almost begging for contacts. QRP above 30  
MHz is still QRP.  
73 Bryan W8LN

-----  
Date: Mon, 4 May 1998 13:24:54 -0600 (MDT)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-1@Lehigh.EDU  
Cc: arnie@radiohc.org  
Subject: [10079] GEOMAGNETIC STORM ALERT  
Message-ID: <Pine.SOL.3.91.980504131011.13132A-1000000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

As if you haven't figured it out by now, there is a MAJOR geomagnetic  
storm in progress as a result of the X-1 flare and CME activity Saturday.  
A-index in the 50's, I believe, is the highest it has been in many, many  
years. That number is short of black out conditions. It may be lifting  
by Wednesday afternoon.

GOOD NEWS ... when it lifts, the solar flux will be about 150 ... which  
is excellent conditions. DX with a "wet noodle" time.

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
> SDF NUMBER 123 ISSUED AT 2200Z ON 03 MAY 1998

> IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS  
> EXPECTED TO BE UNSETTLED TO ACTIVE UNTIL THE ARRIVAL OF A NEW BLAST  
> OF SOLAR MATERIAL FROM THE MAJOR EVENT (X1 PROTON FLARE AND  
> PARTIAL-HALO CORONAL MASS EJECTION) OF 2 MAY.

> SHOCK ARRIVAL IS EXPECTED NEAR MID-DAY ON 04 MAY, AND

> MAJOR GEOMAGNETIC STORM CONDITIONS SHOULD ENSUE ON 5 MAY.

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

In other words, it's actually gonna get worse :-(

> III. EVENT PROBABILITIES 04 MAY-06 MAY

> CLASS M 70/70/50 <---- a 70% chance of an M-class flare next 2 days

> IV. PENTICTON 10.7 CM FLUX

> OBSERVED 03 MAY 117

> PREDICTED 04 MAY-06 MAY 130/140/150 <---very high flux by wednesday

> V. GEOMAGNETIC A INDICES

> OBSERVED AFR/AP 02 MAY 041/056 <---- This is just AWFUL

> PREDICTED AFR/AP 04 MAY-06 MAY 020/043-050/055-025/030

^^^^^ ^^^^^ ^^^^^

Mon Tues Wed

No real relief until at least late wednesday

72, Paul NA5N

I'll post the Solar/Geophysical for today (monday) when it is issued  
about 4pm MDT with pertinent commentary.

-----  
Date: Mon, 4 May 1998 14:27:32 -0400 (EDT)  
From: "Curtis D. Levin" <kd4zkw@amsat.org>  
To: Ed Tanton <n4xy@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10080] Re: Is it Legal to ship QRP Kits to Cuba?  
Message-ID: <Pine.BSF.3.96.980504142445.1623A-100000@danial.dialisdn.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 2 May 1998, Ed Tanton wrote:

> I think the Cuban people have suffered long enough from not one, but two  
> sources: our embargo and their government. .... I feel very strongly  
> about the innate wrongness and the ludicrousness of trying to force  
> Democracy on others-there is simply no need... and I had gone on-and  
> on-with this paragraph, but erased it-this is not the place.

Forcing Democracy on Cuba ? Heh, are you sure the embargo isn't a result  
of Cuba forcing communism on us ? Might very well be that the only  
recourse that the US had was to cease to trade with them. I don't think  
it was our choices that led the communists to do what they did. I think  
it was the communists who decided that on their own. Nuff said.



-----  
Date: Mon, 4 May 1998 15:19:43 -0400 (EDT)  
From: Richard Brittingham <rbritt@visi.net>  
To: Pierre Constantineau <pierre@cmpe.ubc.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10081] Re: Elmer 101:Tools on Web page(was Diodes questions)  
Message-ID: <Pine.GS0.3.96.980504151656.11244B-100000@ankara.visi.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think the idea is a good one. I have received ALOT of requests so far.  
So I am going to figure out a way to make it into a file for everyone. I  
may scan it and make it into a GIF. Its real small.

73 W4MCD

-----  
Amateur Radio Operator as WD4AEF for 22 years  
Now Vanity Call is W4MCD

-----  
Date: Mon, 4 May 98 16:06:30 PDT  
From: gregoire@endor.com  
To: malman@world.std.com, Low power amateur radio discusion <qrp-1@Lehigh.EDU>  
Subject: [10082] RE: Band conditions  
Message-ID: <Chameleon.980504160923.GREGOIRE@Gregoire.endor.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Joel,

The A index was at a high of 317 today, not an error in  
typing , three hundred and seventeen.

The solar web site shows it at 57, any way you cut it,  
it's still Lindburger.

de AA1IK,                      Time the accursed enemy of man,

Ernie Gregoire                   cursed by youth for going to slow  
and by the old for going to fast.

R.R. 1, Box 221,  
South Rd.  
Canaan, NH. 03741           Fly fisher & tier,  
                              Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

-----  
05/04/98 16:06:30

-----  
Date: Mon, 04 May 1998 16:21:24 -0400 (EDT)  
From: n4js@pobox.com  
To: qrp-l@Lehigh.EDU  
Subject: [10083] 2SC799 vs MRF237  
Message-ID: <XFMail.980504162124.n4js@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

A nice, non controversial question. Is the basing on the MRF237 the same as the 2SC799? I think it is, the ohmmeter say it is, but I want someone (not named Murphy) to confirm it, before I apply my trusty iron. I am paranoid about such things, and none of my listings show the MRF237 (they are old, I am afraid).

Sent at 16:21:24 on 04-May-98

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
|                                 | John L. Sielke n4js@pobox.com                 |
| \           _     / _           | n4js@qsl.net NJ Grid:FM29LN                   |
| . '     _ _       \ _ _ \       | http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884 |
| _   \ _     _   \ _ _ /   _ _ / | QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp        |
| NE-QRP #507 G-QRP #9544         | NorCal #1989 QCWA FISTS #2781 ARS #243        |

-----  
Date: Mon, 4 May 1998 10:08:44 -0400  
From: haf47@juno.com  
To: MNHopkins@aol.com

Cc: qrp-1@Lehigh.EDU

Subject: [10084] Re: If Ten-Tec 13XX sucks, 1056 soars

Message-ID: <19980504.162227.3302.0.haf47@juno.com>

Hi Mike, Just a note to say I agree with your comments...by the way, the DC receiver you mentioned IS on their Website...it is listed as "the Anyband" receiver. I use 2 of them, one for 80, and for 30...they work really well.

73, Howard

WA2AFD

haf47@juno.com

>

>But don't write off all the T-kits. The jewel in the crown remains

>the model

>1056 DC RX at \$29.95. It comes with a band pack allowing coverage of

>ANY

>band, and subsequent change. Locked in a box after completion it is

>smooth

>and quiet and shows how good a Direct Conversion receiver can be. It

>is my

>regular RX on 30M and examined examples on 20 and even 40 did FB too.

>

>It is such a good product that I am not surprized it is not mentioned

>on their

>website and I'll bet they will soon discontinue it.

>

>73 de ab5L, michael in dallas, student of Tecraft and International

>(ICM) ham

>products and mementoes of Six Meters' Golden Age: 1957-58

>Michael Hopkins

>Box 226841

>Dallas, TX 75222 MNHopkins@AOL.com

>

>

>

>

>

---

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-----  
Date: Mon, 4 May 1998 15:28:52 -0500  
From: "Fred Ringwald" <fred@innocent.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [10085] Re: Shipping to Cuba  
Message-ID: <002501bd779b\$41b29220\$2201e3d0@fred.ott.net>

Friends,

I would like to add my voice to what others have said regarding the fact that while there may be methods available to circumvent the US Laws, we are potentially asking for trouble. As long as it is illegal, I wouldn't, and wouldn't recommend anyone else, trying to get around the law. Criminal penalties can simply introduce too much QRM!

OTOH, it is legal to attempt to change our laws, and the time may well be ripe for such an effort. I think our time and money would be far better served in this endeavor. Then, once we are successful, our mail could then perhaps reach the intended destination.

My \$0.02, and thanks for the bandwidth.

73s,

Fred Ringwald, ABOAE

fred@innocent.com

-----Original Message-----

From: Ronald Hands <rhands@hwcnc.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Monday, May 04, 1998 1:06 PM

Subject: Shipping to Cuba

>There have been several comments lately about shipping to Cuba from  
>Canada.

> Yes, it can be done.

> Unfortunately, in my limited experience (sample of one), it was not  
>a

>happy experience.

> I sent a small shortwave receiver to a Cuban pen-pal friend, via  
>registered air mail (would have insured it but that was not an  
>available  
>option).

> He never received it.

> I put a trace on the shipment and Canada Post reports that they

have  
>made three attempts to contact the Cuban authorities with, so far, no  
>response.  
> So I'm out about \$150 Canadian, and have lost a little faith in  
>humanity.  
> Your mileage may vary...  
>  
>-- Ron VE3SP  
>

-----  
Date: Mon, 04 May 1998 13:30:32 -0700  
From: Dan Tayloe-P26412 <Dan\_Tayloe-P26412@email.mot.com>  
To: hhurst@delaware.infi.net, qrp1 <qrp-1@Lehigh.EDU>  
Subject: [10086] (no subject)  
Message-ID: <354E2568.187BA153@email.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Date: Mon, 18 Mar 1996 00:08:24 -0500  
From: "Harry T. Hurst" <hhurst@delaware.infi.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [9932] Ramsey Mini-Receiver  
Message-ID: <199805021822.0AA02954@fh101.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

>... This radio drifts, horribly when first turned on, and  
> after 5 minutes or so it calms down a bit, but is still excessive.  
>  
>The latest mod was to replace c1-c4 ceramic caps with polystyrene caps.  
>As far as my ears are concerned, the vfo drift problem is solved.

>Reading thru some of the QRP and other radio books here, I've noticed  
>some writers recommending silver mica caps only for VFOs, and  
>others polystyrene, and still others only NPOs. In this case,  
>the polystyrenes were the ticker.

>\* Is this a religious thing? \* Or are there times that all three  
>types work ok? Should I just pick one type, then try another type  
>if I run into excessive drift?

I find a temperature stable VFO the most difficult part of any radio project that I do. Almost all of the VFOs I have built drift downwards in frequency as they warm up. This seems to be a universal characteristic.

One way to overcome this drift is to capacitors that have a "N" type temperature characteristic. Polystyrene caps tend to have an N220 (as opposed to a temperature stable NP0 characteristic) that seems to work just about right to compensate for the toroid core VFO inductors we generally tend to use in compact QRP gear.

I don't happen to have a lot of polystyrenes, but do have a nice stock of NP0 types on hand. Hence, I get drift. I have found that most of the Radio Shack capacitor assortments have a few N750 caps. I tend to use a few of these as needed to get my VFOs settled down.

Temperature compensation by hand is very time consuming since you have to give a circuit time plenty of time to cool off after changing a component. Since radio is an evening thing for me, I figure I get one shot at the VFO each day. It takes me about 4 to 5 tries to get the drift to under 100 Hz from power on to stability a half hour later.

Silver micas can be either "P" or "N" depending on the individual cap. I have heard of some folks trying several silver micas of the same value to find one that best compensates the drift.

It is good to hear things worked out well for you!

- Dan Tayloe, N7VE, Phoenix, Az, Az ScQRPions, QRPL # 696

-----  
Date: Mon, 4 May 1998 15:34:24 -0500  
From: "Walter Dufrain" <walter@inlink.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [10087] VHS Cassette  
Message-ID: <199805042034.PAA14088@thor.inlink.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Yep, its QRP, while the solar flares are warming the DX windows for this coming Wednesday, here is an article that I wrote, in part, that appeared in the St.Louis Peanut Whistle. This may even pass the time until you launch off for Dayton. Enjoy,

THE VERSATILE VHS CASSETTE

There is just a wonderful mix of springs, plastic pieces, screws, brass and stainless steel in a cassette VHS tape. Being the inquiring sort, out comes the Phillips #2 driver and POOF, we have great QRP parts.

- 1) The bow tie looking spring can be made into a set of iambic paddles,
- 2) The bow tie spring can be made into 2 simple straight keys,
- 3) The plastic and metal rollers are good pc board spacers or standoffs,
- 4) The plastic locks are good spacers when you snip the ears off,
- 5) The tiny springs, screws and other plastic parts go to the junk box for another project,
- 6) The cassette makes a great tote box for wire antennas and feedlines, just put some fiber tape on the back face and snip the alignment pins and you have a tote case,
- 7) The 2 reels are great for winding wire antennas and feedline on them, and an added bonus is the Radio Shack 300 ohm twin-lead will fit just perfect,
- 8) AND if you are really bored you can stretch out the old VHS tape and mark it with a magic marker to create a monster measuring tape. :-)

Happy building.....de      Walter   Dufrain,   AG5P.....Wright City, MO

-----  
Date: Mon, 4 May 1998 14:39:55 -0600 (MDT)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [10088] Re: Is it Legal to ship QRP Kits to Cuba?  
Message-ID: <Pine.SOL.3.91.980504143005.18097C-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 4 May 1998, Curtis D. Levin wrote:  
> ...isn't a result of Cuba forcing communism on us ?  
> Nuff said.

^^^^^^^^

YES, it better be.

This is QRP-L and everything you post goes to good hams all over the world, including some in Cuba.

Keep your political opinions to yourself and off this group.

Thank you.

Paul NA5N

-----  
Date: Mon, 04 May 1998 13:43:20 -0700  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [10089] FS: FT890  
Message-ID: <354E2868.74F7@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am considering selling my Yaesu FT890AT.

It is my first rig and I have had the radio for 3 1/2 years and have worked 170 countries with it. It is in very good condition, just about new with no scratches dents or dings. The only wear is a bit of smoothing around the indent in the tuning knob. It is from a non-smoking household.

It is QRPable from a knob on the front panel.

It has been a very good radio for me. I am not an expert in technology, but I have not found anything that isn't working properly. (If whoever buys it puts it on spectraoscilowhojadinky and finds it not to spec, I can't be responsible as I do not have the capability to test it at that level.)

It has the built in antenna tuner and external power supply and speaker. I have the original boxes and manuals.

I am asking \$950 plus shipping.

--

73 de Jeff AC6KW  
grudin@vdbs.com  
-----



Private Practice : Companion Animals and Exotics  
Ocean Animal Clinic / Cat Clinic of Santa Cruz  
Santa Cruz, California

Norcal QRP #1292    QRP-L    #16    ARS #351  
AR Qrp #131    Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

-----

-----

Date: Mon, 04 May 1998 17:03:46 -0400  
From: "Bernard F. Gaffney, Jr." <n8pvz@qsl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [10090] Ohio 70cm Repeaters  
Message-ID: <3.0.32.19980504170338.006885d0@pop3.concentric.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

There's a link( <http://www.coil.com/~wcallahn/70cm-map.htm>) off of the hamvention.org WEB page to a map of Ohio 70cm repeaters. According to the map, all the offsets are +500Khz. I emailed the map page's owner about this, since I thought 70cm offsets are +/- 5Mhz(haven't heard back from the owner yet). Anyone know what the correct offset is?

Tnx.

72 de N8PVZ

Bernard F. Gaffney, Jr.    N8PVZ  
MI-QRP# M-1152    QRP-ARCI# 9446  
n8pvz@qsl.net    <http://www.concentric.net/~n8pvz/>  
We are QRP. Resistance is futile. You will be assimilated

-----

Date: Mon, 04 May 1998 20:33:59 -0700  
From: Stefan Bauer <bauer@student.uni-kassel.de>  
To: RangerSF5 <RangerSF5@aol.com>, qrp-list <qrp-l@Lehigh.EDU>  
Subject: [10091] Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!  
Message-ID: <354E88A7.5EE81C6B@student.uni-kassel.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

so qrp'er's,

who on earth is the person behind this e-mail address:

RangerSF5@aol.com

this unknown object replied to my cuban topic mail with just this 2 words:

< BRAIN DEAD

now i ask myself, is this person looking for some physical input for its vacuum, or did he just die after he wrote these 2 intelligent words.

poor guy, must have no callsign, otherwise he would play fair. do we have some intruders on the list?

...hey vacuumhead, did you ever hear the word RESISTANCE or SPEAK UP AGAINST THE LAWS!

-- steve

ps: I will still mail ham stuff to cuba as soon as it arrives here.

```
=====
AX25: dl1fdf@db0vfk.#hes.deu.eu | dl-qrp-ag GM |g-qrp 8769 |qrpl 252
|ARS
e-mail: bauer@student.uni-kassel.de | 72 de steve DL1FDF -- DL/VY1QRP
=====
```

-----

Date: Mon, 04 May 1998 14:30:20 -0700  
From: Jerry Parker <jparker@fix.net>  
To: qrp-l@Lehigh.EDU  
Subject: [10092] NorCal's May Meeting Report  
Message-ID: <2.2.32.19980504213020.006bbc9c@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The complete report including pictures  
available on the NorCal Page:

<http://www.fix.net/norcal.html>

The text only follows:

# NORCAL'S MAY MEETING

by Jerry Parker, WA6OWR

Up and on the way to the NorCal Meeting on a beautiful partly cloudy day at 7 a.m. from Paso Robles.

So many neat things going on at once. The Spring issue of QRPP is out and loaded with really great articles and Dayton is just around the corner too.

I arrived at about 10 a.m. to find Sam Imai, KM6FL and Bob Cortez, KC6CFC setting up with lots of goodies.

Jim Cates, WA6GER was busy handling the monies. Jim says he is packed and ready for Dayton.

Norm Melick, KQ6SD and Veda Henson, KF6JHC drove up from Southern California. Norm says they are going to drive to Dayton this year. Norm, a pilot, says he is looking forward to looking at the country from the ground for a change.

Dwight Graham, WA6NAE brought a stack of home brew equipment which included a receiver, audio amplifier, and a power supply. Dwight says he is looking for the matching transmitter or any information on them as he purchased his find at a flea market.

James Bennett KA5DVCS displayed his NorCal 38 Special, Battery pack, NorCal Paddle, 'L' Network Tuner with Vertical whip, scratch built SWR Meter, 80 Meter 49'er in an Altoids tin and a Rainbow Tuner also in an Altoids tin.

James says he is doing an article for an upcoming QRPP on the "Solid State Dummy Load" shown in the center.

Ori, AC6AN brought a Mizuho QP7 transmitter. He says the kit goes for about 3000 yen and they also make a QP21 for 15 meters. These are nice and the parts are not crowded.

Leo Stanford, KM6LA brought a treasure chest of goodies to the NorCal Meeting. Leo always brings needed items such as cores, connectors, and tweezers for handling surface mount parts.

Going back to the '50es as ham buddies W7SA0 Lloyd Bennet from Colorado and Verne Wright, W6MMA got together at the meeting.

What a great time, always something new and different. Verne Wright W6MMA displayed a QSL card that he is very proud of from "SP8ARY" in Poland. Verne says he made this contact mobile using his Cascade running only 3 watts into his DJ3 Screwdriver Antenna.

Rex Harper W1REX was on hand with a modular rig he built up as well as other goodies.

The crowd spilled over into the parking lot as usual.

Lots of talk about the new QRP rig from NorCal to be announced at Dayton. As I understand it orders WILL NOT BE ACCEPTED at Dayton as only prototypes will be there and kits will not yet be available.

Thanks to all who attended for making this another great meeting!

See you at DAYTON.

Enjoy,,,72,

Jerry, WA6OWR

-----  
Date: Mon, 4 May 1998 17:23:09 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@Lehigh.EDU>  
Subject: [10093] FS: Yaesu FT-900at  
Message-ID: <Pine.OSF.3.95.980504171503.7143E-100000@saturn.acs.oakland.edu>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Think I may be getting somethin' else at Dayton so the FT-900at has to make room.

The FT-900 is Yaesu's little do-everything mobile rig. The front panel comes off for a VERY compact dashboard setup. Built in antenna tuner and a very nice RCVR w/ Noise blanker, IF Shift, Keyer, all the typical stuff.

It's easy QRPable with 2-100w from a front panel control. Optional CW filter is installed. Comes with all original packing and boxes/manual and the SERVICE manual to boot.

Really excellent condition - only used mobile a couple times and then it just sat on the seat next to me. Never used the remote cable assembly it's still in the box.

First \$900 takes it and I'll bring it to Dayton Thursday night.

73! =paul= W8KC  
248-693-9388 hm 248-370-1072wk  
Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

keyer

-----  
Date: Mon, 4 May 1998 17:38:55 EDT  
From: DENNIS MO <DENNISMO@aol.com>  
To: qrp-1@Lehigh.EDU  
Subject: [10094] Re: Shipping to Cuba  
Message-ID: <ea9d9726.354e3570@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: quoted-printable

I've been following this thread with some interest. I have family still=

=0Aliving in Cuba and no one on this list would like to see the relations=

hip=0Abetween the USA/CUBA improve more than I!

So to simplify this issue (maybe oversimplify) it all boils down to this:=

Do=0Ayou what to partake in a criminal activity thereby becoming a crim=  
inal; or do=0Ayou want to remain an honest citizen. By the way, this par=  
ticular criminal=0Aactivity is a Federal Felony. Criminals convicted in =  
Federal court MUST do=0A100 percent of their sentence - NO good time serv=  
ed, NO parole, NO probation.=0AAnd there is usually a very stiff fine ass=  
ociated your sentence payable on=0Ademand. Regardless of your feelings a=  
nd/or opinions regarding this matter -=0Abe they polical and/or moral, th=  
ey will have no bearing in your defense in=0Acourt.

>From what I read on this list most of you folks "religiously" adhere to F=  
CC=0Arules regarding band plans, amateur rules and regulations, etc. Why=  
..?=0Abecause it's the law and comman sense. We have all run into the o=  
ccational=0A"bandit" ham that has no regard for the hobby or its practiti=  
oners. As honest=0Afolks you can't pick and chose what laws to obey. Yo=  
u either are an honest=0Aperson or you are not. Your choice.

Getting off the soap box now....

God bless you all -

73's es 72's de Denny

Denny / AD6EZ  
PROMISE KEEPER  
FISTS # 4570 / QRP-L # 1359  
ARCI #9637 10-X # 69158

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara  
Long: 34.437 N Lat: 119.868 W=A0=A0=A0  
Grid: DM04BK  
WEB PAGE: <http://members.aol.com/dennismo>

-----  
Date: Mon, 4 May 1998 14:36:03 -0700 (PDT)  
From: KC5TJA <kc5tja@topaz.axisinternet.com>  
To: Walter Dufrain <walter@inlink.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10095] Re: VHS Cassette  
Message-ID: <Pine.LNX.3.96.980504143500.28345A-1000000@topaz.axisinternet.com>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> THE VERSATILE VHS CASSETTE  
>  
> There is just a wonderful mix of springs, plastic pieces, screws, brass  
> and stainless steel in a cassette VHS tape. Being the inquiring sort, out  
> comes the Phillips #2 driver and POOF, we have great QRP parts.

You forgot something on your list:

8) After you're done gutting the contents of the VHS cassette cartridge,  
you can use that cartridge as the housing for a QRP transceiver itself.  
:)

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

-----

Date: Mon, 4 May 1998 17:51:52 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [10096] Familiar with tubes?  
Message-ID: <01bd77a6\$d95d78a0\$2c5445c6@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

I have a big tube here and I am wondering if anyone on  
the QRP-L server knows about this tube.

GE Tube #GL-851

3 prong = center one is flat and rectangular and the  
2 outside ones are round.

The tube is about 10" in diameter and about 16" tall.

Do you know what this was for? Thanks!

73, Good DXing & QRPing

Ron de WB3AAL

E-mail: wb3aal@talon.net  
<http://www.kpsnet.com/wb3aal/wb3aalweb.htm>  
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1      QRP # 5318      10-10 # 13173  
QRP-L # 1099    G-QRP # 3031    AK QRP # 309  
Adventure Radio Society #380

-----  
Date: Mon, 04 May 1998 21:55:17 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: randyh@harksystems.com  
Cc: "klqrp@waterw.com" <klqrp@waterw.com>, qrp-l@Lehigh.EDU,  
JakeCart@ix.netcom.com, kj5tf@mctc.com  
Subject: [10097] Pixie/49er Contest KITS and THANKS!  
Message-ID: <354E3945.6BC9@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

First, thanks again to the KnightLites for excluding themselves from the Xmas '97 PX/49er contest. I Received my Digital Dial last Monday and this was one fine kit. Total time to build was about 1/2 hour for the display, and 2-1/2 hours for the freq. counter. And that was with my little girl asking questions thru the soldering. I took my time and (Here's the Verb) K5FO'd the parts -- That's right, all the resistor bands facing the same way, Capacitor values legible without turning the board. This kind of detailing is 'almost' embarrassing. :) :) What a beautiful 2-board kit.

The kit came complete with an excellent silk-screened 2-part enclosure, 2 PC Boards (Counter board had feed-thru holes), all the parts including extra Jacks for the power and RF connection cables. Not included was the remote BCD switch for adventurous types whot want to access a few extra memories.

The kit can operate as a freq counter with several K Ohm input impedance. Or it operates with freq. Offset capabilities as a digital dial via a switch at the rear of the cabinet connecting a 50 Ohm input port. Options as a digital dial include:display blanking, disable 100 Hz digit, reverse tuning vfo, etc.  
Rated to 50 Mhz, my completed counter measures to just above



62 Mhz. The 1996 schematic: Q1/Q3 designators are reversed and initial turn-on instruction fail to mention that the voltages are with the rear switch in the 'Digital Dial' position. Otherwise one of the control lines is grounded causing initial concern to the builder :) :) :)

The PCB outlines are correct.

My GDO zeroed to WWV helped me calibrate the freq counter. Also the Freq. counter section is sensitive. A 1 foot section of wire and the local AM BC stn Frequency is measured. The unit is rock solid without any jitter in the 100 Hz location when connected to the Hi-Z osc. tap provided on my OHR-100 rig. I had a few CW qso's and exchanged freq. measurements with operators. We were all reading nearly identical frequencies.

Except for the Oscilloscope, the absolutely most desired piece of equipment at my QTH is A freq. counter.

This is one heck of a XMAS present!

Best 72 to all. And I applaud them KnightLites!

--Ed Loranger/WE6W

Randy Hargenrader wrote:

>  
> Well, the beginning of this contest had a bunch of revisions so the  
> why should the finish be any different!? ;) Actually, the members  
> of the KnightLites deferred winning prizes due to their  
> association with the contest sponsor. (What a great bunch of folks!)

>  
> ANNOUNCING THE REVISED WINNER LIST OF THE 1997 PIXIE/49ER CONTEST

>  
> First prize in the Pixie High Scorer category,  
> a Radio Adventures Digital Dial will be awarded to:

>  
> WE6W, Ed Loranger.

>  
> First Prize in the 49er Rig Category, a Tick Keyer, will be awarded to:

>  
> KJ5TF, Jim

>  
> First Prize in the A0 Category, a Tick Keyer, will be awarded to:

>  
> N4UY, Jake Carter

>  
> I would like to thank everyone for supporting and participating  
> in this contest. It was a great experience!  
> --  
> 73, Randy WJ4P  
> Knightlites QRP-L #296

--  
72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Mon, 4 May 1998 23:11:11 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [10098] HamCom June 6th QRP Forum  
Message-ID: <199805042211.XAA10128@chuck.dallas.sgi.com>

Gang,

A few months back, Larry Jones, N5OSG, posted one time  
a notice for speakers at HamCom to come forward. Looks  
like no more postings since that time, so let me do one.

There are some slots open for speakers on Saturday, otherwise  
you'll only be hearing from a lot of Dallas area people only.

Here is the deal of the year. You get about 20 mins to talk and  
5 minutes for Q&A. Topics welcomed related to QRP operation,  
building, etc. Everyone is interested in what others are doing.  
You have something that you have done that others haven't thought  
of. So let's hear from you.

Send to me the following information by Friday a.m. CDT, please.

Name:  
Call:  
Home QTH:  
Topic:  
Tidbits of info about yourself for the program announcement  
for HamCom handouts for registrants.

Doug Hendricks, KI6DS, will be here.

Paul Harden, NA5N, will be here.

Expect about 75 to 100 in the audience as this year a larger meeting room is reserved. If you have handouts, please make copies for that number. Joe Spencer, KK5NA, will have a list of the speakers and their topics to post after next week. Larry did not get sufficient contributions to justify doing a printing yet.

So if you are coming to Arlington TX for HamCom, then step right up. We are also looking for volunteers for operators for a QRP station that will be operating during HamCom. So if you do want to operate the onsite station, let us know and I'll pass the info on to Joe, super organizer for this event. He will then followup to see what time slot(s) you can do. An announcement will be made later on the station setup for the rest of the country to practice a 24 hr foxhunt from one station on a large number of bands, propagation permitting.

So again, the guys and girls from TX, OK, NM, LA, and other states coming to HamCom, let us know. You can help and have fun at the same time. We certainly don't want to hog all the fun.

VENDORS, CLUBS, and QRP groups. If you have a flier that you want to have given out from the QRP table, send me enough copies to last a two day swapmeet with several thousand in attendance. Commercial and club announcements will be given out from the table. If you think it is cheaper, just send a copy of the flier and enough to cover the printing costs.

First quote I've gotten for printing and I'll call around tomorrow to see if I can get a cheaper bid.

1,000 pages single sided 8.5x11 is \$23.00

1,000 pages double sided 8.5x11 is \$45.00

I would think that 1,000 would be more than sufficient and maybe less. Someone experienced at several places send me email if you can get closer to the correct number needed.

So you have two options, go with the one you think cheaper. Mail me fliers or send me one to copy with expense funds.

So I expect to hear from a lot of you guys/girls in various clubs looking for publicity. If you just want to be listed on a flier with others, let me know that too. I'll see what

can be done for the low budget crowd.

The QRP group will have four tables set up. Examples for show-and-tell at the table are certainly welcome. Come on down.

I probably left out a few dozen items of interest, so will fill in as necessary.

FYI

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> [adams@sgi.com](mailto:adams@sgi.com)

-----  
Date: Mon, 04 May 1998 18:23:42 -0400  
From: Jim Stafford W4QO <[w4qo@america.net](mailto:w4qo@america.net)>  
To: QRP-L <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Cc: Bob Gobrick bobgob <[rgobrick@att.net](mailto:rgobrick@att.net)>, Byron Johnson WA8LCZ  
<[byron8lcz@aol.com](mailto:byron8lcz@aol.com)>, Cam Bailey KT3A <[kt3a@juno.com](mailto:kt3a@juno.com)>,  
Dave Johnson WA4NID <[wa4nid@amsat.org](mailto:wa4nid@amsat.org)>, George Gingell K3TKS  
<[k3tk@u1.abs.net](mailto:k3tk@u1.abs.net)>, Hank Kohl K8DD <[k8dd@tir.com](mailto:k8dd@tir.com)>,  
Subject: [10099] Dayton: Check the web site  
Message-ID: <354E3FEE.6F10@america.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

We keep getting questions about Dayton FDIM/QRPARCI activities. Please keep checking the web site [www.qrparci.org](http://www.qrparci.org) for late breaking details and if you don't find your answers there, by all means let me know ASAP.

Some recent questions:

1. Yes the Vendor night in the hospitality rooms - in fact the whole hospitality scene - is club sponsored and free admission.
2. The FDIM symposium (I call it) starts at 8 AM on Thursday, May 14 in the ballroom.
3. Yes there will again be antennas to demo/tryout your QRP rig from the Hospitality room.
4. Yes vendors are welcome all three nights - Thu/Fri/Sat - but the official vendor night is Friday after the banquet - Be there or be QRO!
5. Nametags will be provided to FDIM participants...

6. Directions to Dayton\*Days Inn South - check the web site - altho it looks like their map shows the motel on the wrong side of the I-75 interchange!!

Hmmmmmm..... Seems like I forgot something, check the web site.. and CU at Dayton.

--

Jim Stafford, W4QO      ->NoGaQRP Group<-      RadioActive Schools(sm) -  
11395 West Road      ->VP - QRP.ARCI<-      Using amateur radio as  
Roswell, GA 30075      <http://www.america.net/~w4qo>      a teaching tool in  
770-993-9500      Fax:770-993-8932      Internet: w4qo@amsat.org      north Georgia.  
QRP-L#267      QRP-ARCI#6515      G-QRP#5588      MiQRP#897      NorCal#1092      CQC#307

-----  
Date: Mon, 4 May 1998 18:39:02 -0400 (EDT)  
From: Bruce Muscolino <w6toy@erols.com>  
To: bauer@student.uni-kassel.de  
Cc: QRP-L@Lehigh.EDU  
Subject: [10100] Re: IS it Legal to ship QRP Kits to Cuba? Yea folks!!!  
Message-ID: <2.2.16.19980504183044.2307fdcc@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

In his defense, inviting Americans to violate their own laws seems pretty dumb. Your return address says you are not in the United States. Who are you and where do you get off suggesting we break our laws. If you want to break our laws come over here, become a citizen, and go to it!

Please remember that email here and there is monitored. I'm pretty sure the subject of your emails is a hot button link to somewhere none of us want to go. If you want to continue your solicitations then do it be surface mail. At least then we can see if it's been steamed open.

And lest you think I'm just a right wing radical, I spent several years living quite close to where your return address says you are located. I would have never even considered encouraging a citizen/subject of the country where I was living as a guest to break their laws.

Date: Mon, 04 May 1998 18:50:03 -0400  
From: Ed <edn4pk@VoyagerOnline.net>  
To: k7sz@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10101] Re: Contesting/beams/dipoles  
Message-ID: <354E461B.14E89210@VoyagerOnline.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thank you....My thoughts to a tee  
Ed N4PK....

-----  
Date: Mon, 4 May 1998 16:55:38 -0600  
From: "Steve Hurst" <shurst@magiclink.com>  
To: <jparker@fix.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [10102] Re: NorCal's May Meeting Report  
Message-ID: <199805042254.SAA80640@nss4.cc.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

AAAHHHHHHH HHAAAAAAAAAAAA !!!!!

So it is a QRP \*RIG\* Huh ??????

The clues keep coming in !!!!!!! :-)

73,  
Steve Hurst  
KA7NOC ( southern Idaho )  
<http://www.magiclink.com/web/shurst>  
shurst@magiclink.com

-----  
> From: Jerry Parker <jparker@fix.net>

>

>-----SNIP-----

> Lots of talk about the new QRP rig from NorCal to be announced at Dayton.

>

> See you at DAYTON.

>

>

> Enjoy,,,72,

Jerry, WA60WR

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

FRED VE3FAL

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End of QRP-L Digest 1081

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